

=> d his

(FILE 'HOME' ENTERED AT 10:25:56 ON 02 FEB 2006)

FILE 'REGISTRY' ENTERED AT 10:26:08 ON 02 FEB 2006

L1 STRUCTURE UPLOADED

L2 26 S L1

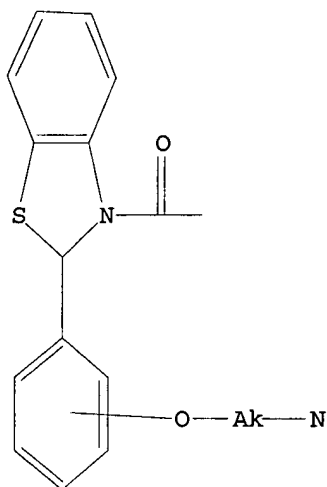
L3 570 S L1 FULL

FILE 'CAPLUS' ENTERED AT 10:27:17 ON 02 FEB 2006

L4 14 S L3

=> d que l4 stat

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 570 SEA FILE=REGISTRY SSS FUL L1

L4 14 SEA FILE=CAPLUS ABB=ON PLU=ON L3

=> d 1-14 bib abs hitstr

L4 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2005:29228 CAPLUS  
 DN 142:107431  
 TI Pain threshold fall inhibitor  
 IN Shimomura, Kyoichi; Aono, Hiroyuki; Tsukahara, Yaeko; Hata, Taeko  
 PA Santen Pharmaceutical Co., Ltd., Japan  
 SO PCT Int. Appl., 30 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005002622	A1	20050113	WO 2004-JP9766	20040702

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SS, SZ, TG, UG, ZM, ZW, AG, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

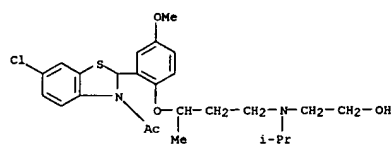
JP 2005041866 A2 20050217 JP 2004-196146 20040702  
 PRAT JP 2003-270967 A 20030704  
 OS MARPAT 142:107431  
 AB A medical drug capable of inhibiting the fall of pain threshold. In particular, a  $\kappa$ -opioid receptor agonist is capable of effectively inhibiting the fall of pain threshold, so that it is useful as a pain threshold fall inhibitor.

IT 610309-87-7 610308-92-4 610309-27-8  
 823204-37-1 823204-39-3 823204-44-0  
 823204-46-2

RI: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 ( $\kappa$ -opioid receptor agonists as pain threshold fall inhibitors)

RN 610308-87-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

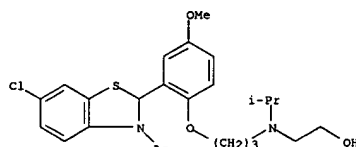
L4 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-92-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride, (+)-(9CI) (CA INDEX NAME)

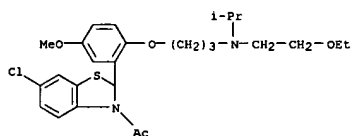
Rotation (+).



● HCl

RN 610309-27-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

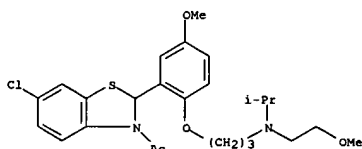


RN 823204-37-1 CAPLUS  
 CN Butanedioic acid, 2,3-bis(acetyloxy)-, (2R,3R)-, compd. with (+)-3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]benzothiazole (1:2) (9CI) (CA INDEX NAME)

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CRN 610309-32-5  
 CMF C25 H33 Cl N2 O4 S

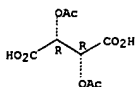
Rotation (+).



CM 2

CRN 51591-38-9  
 CMF C8 H10 O8

Absolute stereochemistry. Rotation (-).



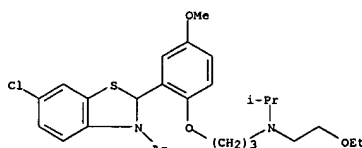
RN 823204-39-3 CAPLUS  
 CN Butanedioic acid, 2,3-bis(acetyloxy)-, (2R,3R)-, compd. with (+)-3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydrobenzothiazole (1:2) (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 1

CRN 610309-34-7  
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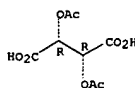
Rotation (+).



CM 2

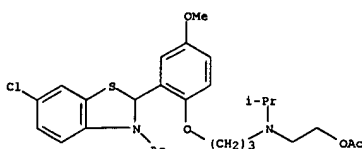
CRN 51591-38-9  
 CMF C8 H10 O8

Absolute stereochemistry. Rotation (-).



RN 823204-44-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[(2-acetyloxy)ethyl](1-methylethyl)amino]propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, monohydrochloride, (+)-(9CI) (CA INDEX NAME)

Rotation (+).

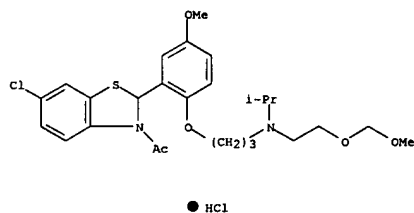


● HCl

L4 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 823204-46-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-(methoxymethoxy)ethyl)(1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:796678 CAPLUS

DN 139:312393

TI  $\kappa$ -opioid receptor agonist comprising 2-phenylbenzothiazoline derivative

IN Tokai, Maki; Honda, Takahiro; Niwa, Masashi; Osumi, Yaeko; Fujimura, Ken-ichi; Kohno, Shin-ichi

PA Santen Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 129 pp.

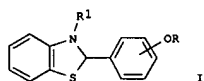
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003082840	A1	20031009	WO 2003-JP3928	20030328
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, T2, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2480560	AA	20031009	CA 2003-2480560	20030328
JP 2004002352	A2	20040108	JP 2003-89657	20030328
EP 1496053	A1	20050112	EP 2003-715569	20030328
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 2005113430	A1	20050526	US 2003-509549	20030328
PRAI JP 2002-97500	A	20020329		
WO 2003-JP3928	W	20030328		
OS MARPAT 139:312393				
GI				



AB Dislocation closed is a  $\kappa$ -opioid receptor agonist comprising a 2-phenylbenzothiazoline derivative which is either a compound having a basic skeleton having a chemical structure represented by the general formula (I)

(wherein R represents amino-substituted alkyl and R1 represents acyl) or

a salt of the compound Also disclosed is an analgesic in particular for rheumatism-like diseases or anti-itching agent containing the above  $\kappa$ -opioid receptor agonist as an active ingredient. The presence of

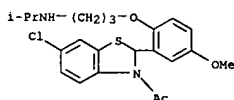
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

an amino-substituted alkyl group bonded to the Ph group of 2-phenylbenzothiazoline and the presence of an acyl group bonded to the nitrogen atom of the 2-phenylbenzothiazoline are important for the impartation of  $\kappa$ -opioid receptor agonistic activity. The compd. I also possesses anti-nociception activity. For example,

(+)-3-acetyl-6-chloro-2-[2-[3-[N-(2-ethoxyethyl)-N-isopropylamino]propoxy]-5-methoxyphenyl]benzothiazoline hydrochloride at 30 mg/kg p.o. inhibited 100% pain in a mouse acetic acid-writhing assay.

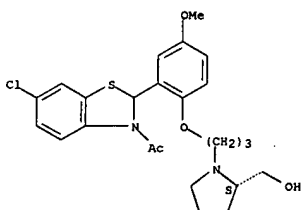
IT 610308-83-6P 610309-84-7P  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 ( $\kappa$ -opioid receptor agonist, analgesic, and anti-itching agent comprising phenylbenzothiazoline derivative)

RN 610309-83-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(1-methylethyl)amino]propoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 610309-84-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]propoxy]-5-methoxyphenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 610308-00-4P 610308-01-5P 610308-02-6P  
 610308-03-7P 610308-04-8P 610308-05-9P  
 610308-06-0P 610308-07-1P 610308-08-2P  
 610308-09-3P 610308-10-6P 610308-11-7P  
 610308-12-8P 610308-13-9P 610308-14-0P  
 610308-15-1P 610308-16-2P 610308-17-3P

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

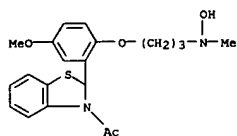
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 610308-45-7P 610308-46-8P 610308-47-9P  
 610308-49-1P 610308-50-4P 610308-52-6P  
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 610309-46-1P 610309-47-2P 610309-48-3P  
 610309-49-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 ( $\kappa$ -opioid receptor agonist, analgesic, and anti-itching agent comprising phenylbenzothiazoline deriv.)

RN 610308-00-4 CAPLUS

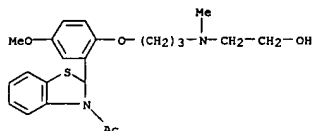
CN Benzothiazole,  
 3-acetyl-2,3-dihydro-2-[2-[3-[(hydroxymethylamino)propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

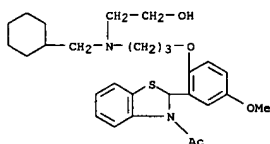
RN 610308-01-5 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[(2-hydroxyethyl)methylamino]propoxy]-5-methoxyphenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

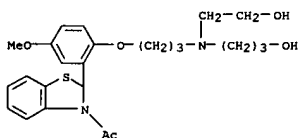
RN 610308-02-6 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[(bis(2-hydroxyethyl)amino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



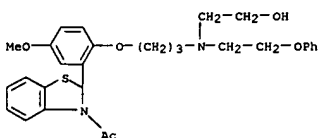
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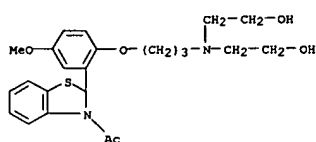
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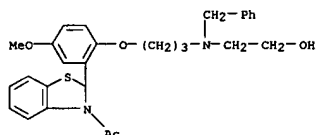
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L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-03-7 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[(2-hydroxyethyl)(phenylmethyl)amino]propoxy]-5-methoxyphenyl-, monohydrochloride (9CI) (CA INDEX NAME)

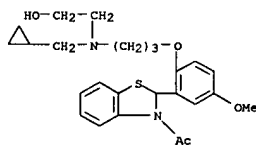


● HCl

RN 610308-04-8 CAPLUS  
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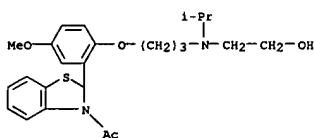
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 610308-07-1 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[(2-hydroxyethyl)(cyclopropylmethyl)amino]propoxy]-5-methoxyphenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

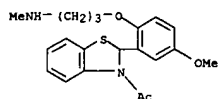
RN 610308-08-2 CAPLUS  
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● HCl

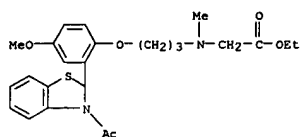
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L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



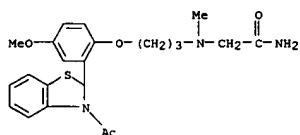
● HCl

RN 610308-10-6 CAPLUS  
 CN Glycine, N-[3-[2-(3-acetyl-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]propyl]-N-methyl-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)



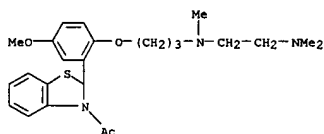
● HCl

RN 610308-11-7 CAPLUS  
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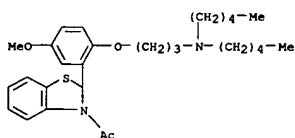
● HCl

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



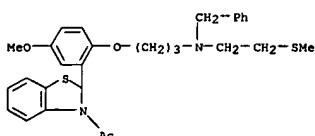
● HCl

RN 610308-15-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dipentylamino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 610308-16-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methylthio)ethyl](phenylmethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

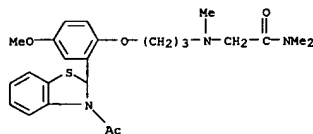


● HCl

RN 610308-17-3 CAPLUS

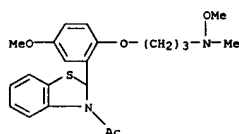
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 610308-12-8 CAPLUS  
 CN Acetamide, 2-[[3-[2-(3-acetyl-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]propyl]methylamino]-N,N-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 610308-13-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-(methoxymethylamino)propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

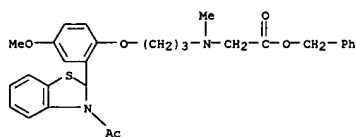


● HCl

RN 610308-14-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[[2-(dimethylamino)ethyl]methylamino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

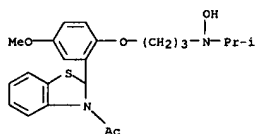
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 610308-12-8 CAPLUS  
 CN Glycine, N-[3-[2-(3-acetyl-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]propyl]-N-methyl-, phenylmethyl ester, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

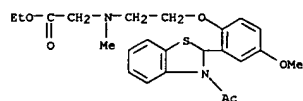
RN 610308-18-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[hydroxy(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

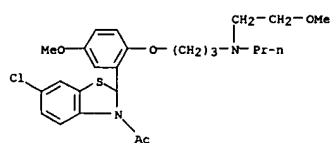
RN 610308-19-5 CAPLUS  
 CN Glycine, N-[2-[2-(3-acetyl-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]ethyl]-N-methyl-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

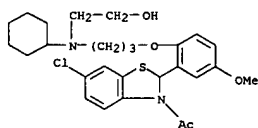
RN 610308-20-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[5-methoxy-2-[3-[(2-methoxyethyl)propylamino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

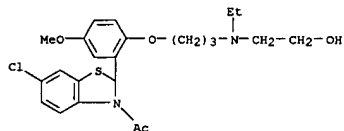
RN 610308-21-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI)  
 (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



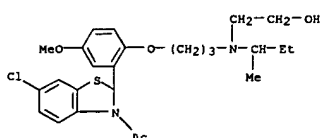
● HCl

RN 610308-24-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[ethyl(2-hydroxyethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

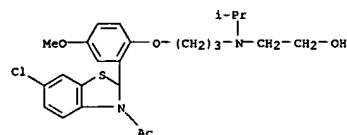
RN 610308-25-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxyethyl)(1-methylpropyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI)  
 (CA INDEX NAME)



● HCl

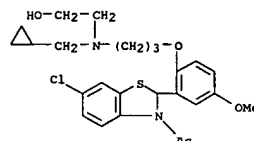
RN 610308-26-4 CAPLUS

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

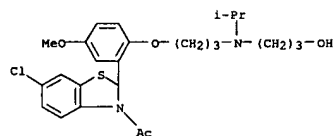
RN 610308-22-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(cyclopropylmethyl)(2-hydroxyethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

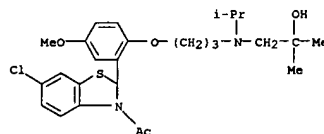
RN 610308-23-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(cyclohexyl(2-hydroxyethyl)amino]propoxy)-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(3-hydroxypropyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI)  
 (CA INDEX NAME)



● HCl

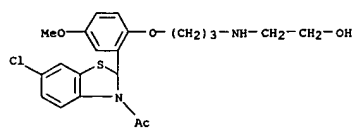
RN 610308-27-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxy-2-methylpropyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

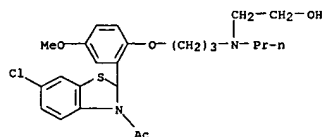
RN 610308-28-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxyethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI)  
 (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

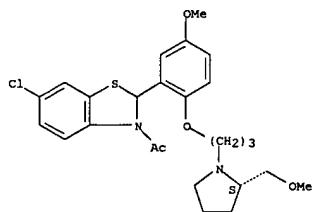
RN 610308-29-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[(2-hydroxyethyl)propylamino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 610308-30-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[(2-hydroxyethyl)-2-methylpropylamino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

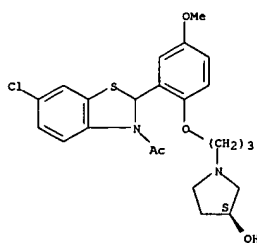
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-33-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[(3S)-3-hydroxy-1-pyrrolidinyl]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

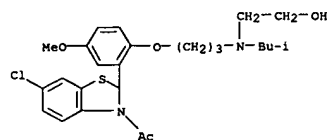


● HCl

RN 610308-34-4 CAPLUS  
 CN L-Proline, 1-[3-[2-(3-acetyl-6-chloro-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]propyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

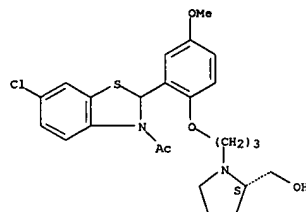
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-31-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

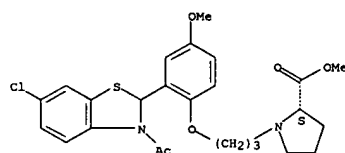


● HCl

RN 610308-32-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2S)-2-(methoxymethyl)-1-pyrrolidinyl]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

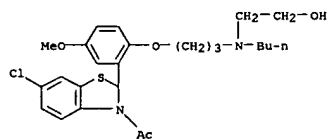
Absolute stereochemistry.

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

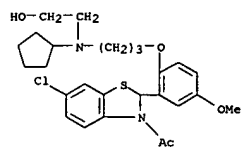
RN 610308-35-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[(3-butyl(2-hydroxyethyl)amino)propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

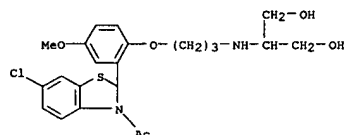
RN 610308-36-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[(3-cyclopentyl(2-hydroxyethyl)amino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

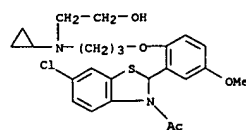
RN 610308-38-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxy-1-(hydroxymethyl)ethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

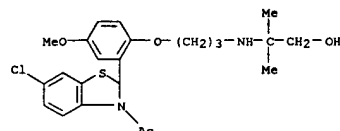
RN 610308-40-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-(cyclopropyl(2-hydroxyethyl)amino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

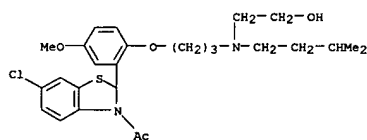
RN 610308-41-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxy-1,1-dimethylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 610308-42-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxyethyl)(3-methylbutyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

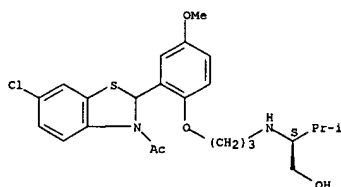
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-43-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(1S)-1-(hydroxymethyl)-2-methylpropyl]amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

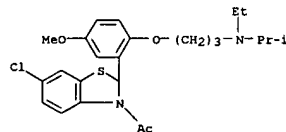
Absolute stereochemistry.



● HCl

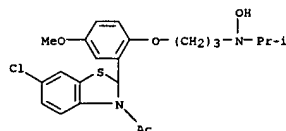
RN 610308-45-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[ethyl(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

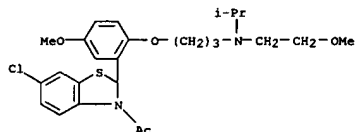


● HCl

RN 610308-46-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[hydroxy(1-methylethyl)amino]propoxy]-5-methoxyphenyl]- (9CI) (CA INDEX NAME)



RN 610308-47-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

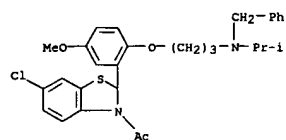


● HCl

RN 610308-49-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[5-methoxy-2-[3-[(1-methylethyl)(phenylmethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

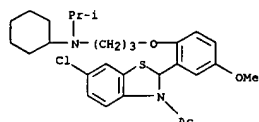


L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



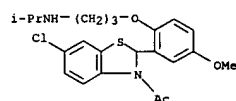
● HCl

RN 610308-50-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-(cyclohexyl(1-methylethyl)amino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



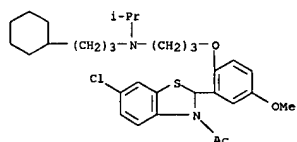
● HCl

RN 610308-52-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[5-methoxy-2-[3-[(1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



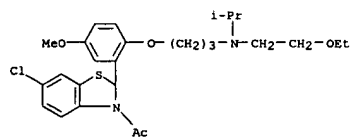
● HCl

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



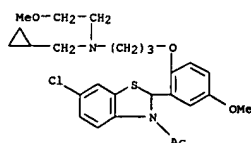
● HCl

RN 610308-60-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

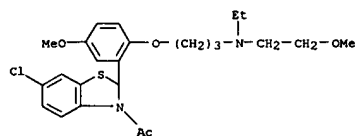
RN 610308-62-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(cyclopropylmethyl)(2-methoxyethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

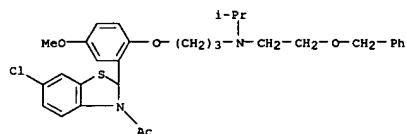
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 610308-55-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(ethyl(2-methoxyethyl)amino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 610308-56-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(1-methylethyl)(2-(phenylmethoxy)ethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

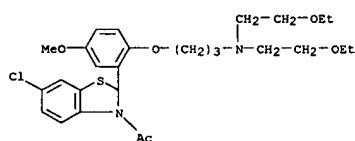


● HCl

RN 610308-58-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(3-cyclohexylpropyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

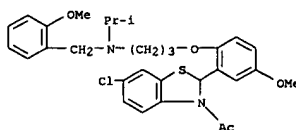
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 610308-63-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[(bis(2-ethoxyethyl)amino)propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

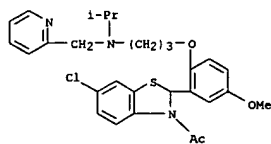
RN 610308-64-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyphenyl)methyl](1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

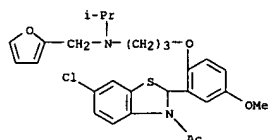
RN 610308-66-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(1-methylethyl)(2-pyridinylmethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

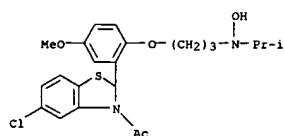
RN 610308-68-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-furanylmethyl) (1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

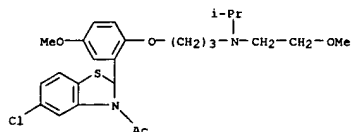
RN 610308-70-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(1-methylethyl) (2-thiazolylmethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CN Benzothiazole, 3-acetyl-5-chloro-2,3-dihydro-2-[2-[3-(hydroxy(1-methylethyl)amino)propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI)  
 (CA INDEX NAME)



● HCl

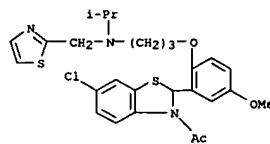
RN 610308-78-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-5-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethyl) (1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

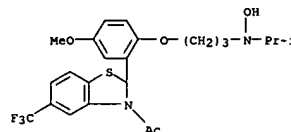
RN 610308-80-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-5-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl) (1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI)  
 (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

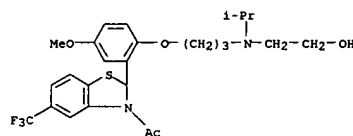


● HCl

RN 610308-71-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[hydroxy(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-5-(trifluoromethyl)- (9CI)  
 (CA INDEX NAME)



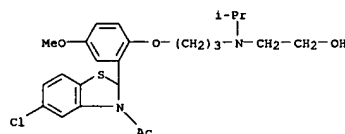
RN 610308-72-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl) (1-methylethyl)amino]propoxy]-5-methoxyphenyl]-5-(trifluoromethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

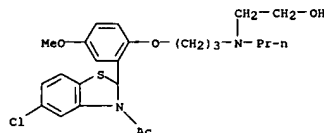
RN 610308-76-4 CAPLUS

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



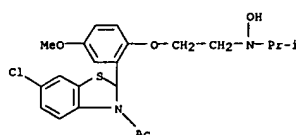
● HCl

RN 610308-82-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-5-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)propylamino]propoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

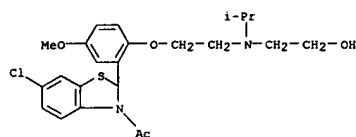
RN 610308-83-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[hydroxy(1-methylethyl)amino]ethoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 610308-84-4 CAPLUS

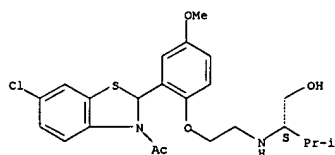
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[(2-hydroxyethyl)(1-methylethyl)amino]ethoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 610308-85-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[(1S)-1-(hydroxymethyl)-2-methylpropyl]amino]ethoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

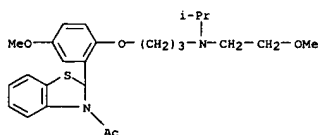
Absolute stereochemistry.



● HCl

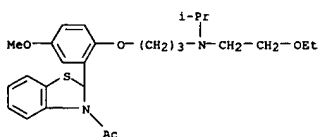
RN 610308-86-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-(hydroxy(1-methylethyl)amino)-1-methylpropoxy]-5-methoxyphenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-90-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

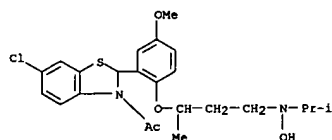


● HCl

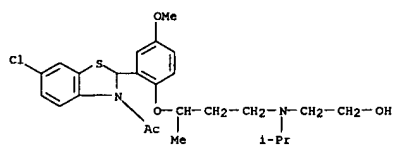
RN 610308-91-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

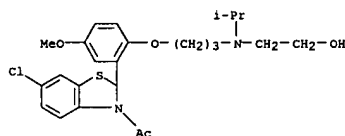


RN 610308-87-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]-1-methylpropoxy]-5-methoxyphenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



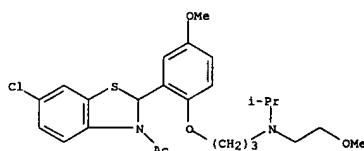
● HCl

RN 610308-88-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]- (9CI) (CA INDEX NAME)



RN 610308-89-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

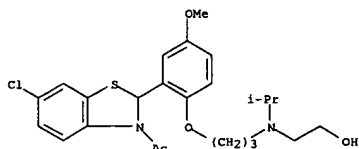
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-92-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

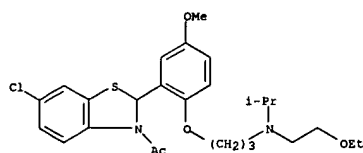


● HCl

RN 610308-93-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

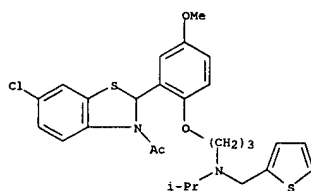
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-94-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[5-methoxy-2-[3-[(1-methylethyl)(2-thienylmethyl)amino]propoxy]phenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

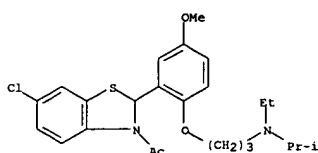


● HCl

RN 610308-95-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-furanylmethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

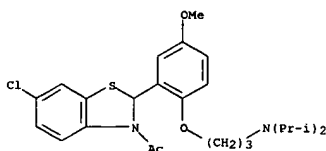
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-98-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[bis(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

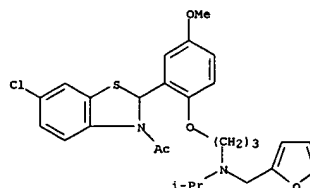


● HCl

RN 610308-99-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[5-methoxy-2-[3-[methyl(1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

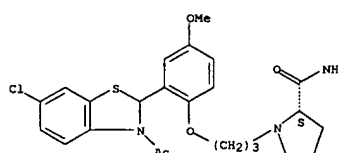
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610308-96-8 CAPLUS  
 CN 2-Pyrrolidinecarboxamide, 1-[3-[2-(3-acetyl-6-chloro-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]propyl]-, monohydrochloride, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

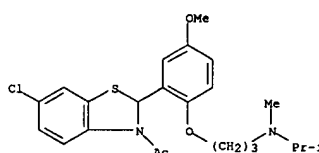


● HCl

RN 610308-97-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[ethyl(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

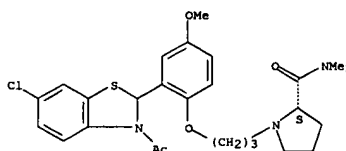
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610309-00-7 CAPLUS  
 CN 2-Pyrrolidinecarboxamide, 1-[3-[2-(3-acetyl-6-chloro-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]propyl]-N,N-dimethyl-, monohydrochloride, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

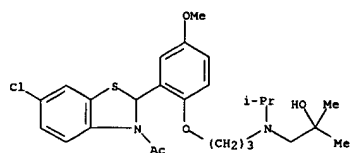


● HCl

RN 610309-01-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxy-2-methylpropyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

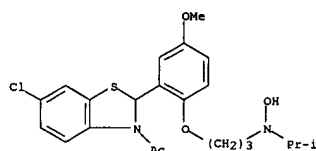
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610309-02-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[hydroxy(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

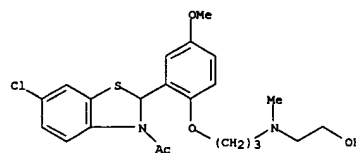


● HCl

RN 610309-03-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxyethyl)methylamino]propoxy]-5-methoxyphenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

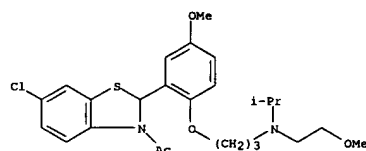
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610309-04-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

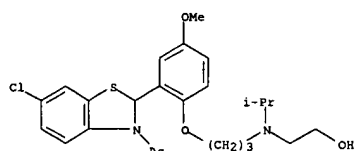


● HCl

RN 610309-05-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

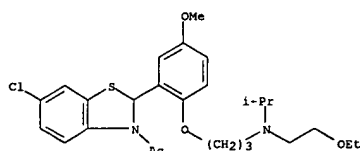
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610309-06-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

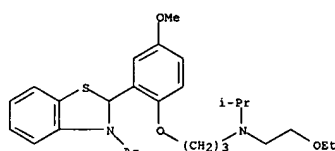


● HCl

RN 610309-07-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

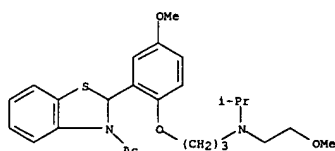
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610309-08-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

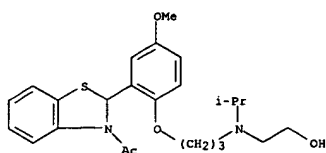


● HCl

RN 610309-09-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, monohydrochloride, (+)- (9CI) (CA INDEX NAME)

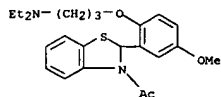
Rotation (+).

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



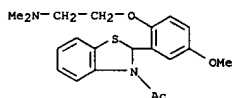
● HCl

RN 610309-10-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[(3-(diethylamino)propoxy)-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

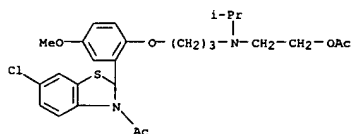
RN 610309-11-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[(2-(dimethylamino)ethoxy)-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 610309-12-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-5-chloro-2-[2-[(3-(dimethylamino)propoxy)-5-

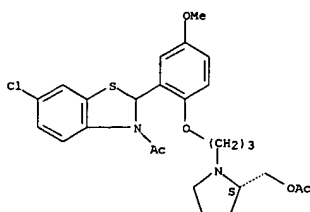
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 610309-15-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[(2S)-2-[(acetyloxy)methyl]-1-pyrrolidinyl]propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



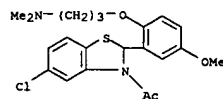
● HCl

RN 610309-17-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[(3-[(acetyloxy)(1-methylethyl)amino]propoxy)-5-methoxyphenyl]-6-chloro-2,3-dihydro-, mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

CM 1

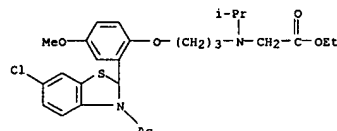
CRN 610309-16-5  
 CMF C24 H29 Cl N2 O5 S

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued) methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

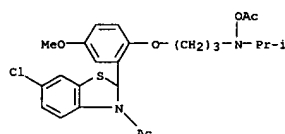
RN 610309-13-2 CAPLUS  
 CN Glycine, N-[3-(2-(3-acetyl-6-chloro-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy)propyl]-N-(1-methylethyl)-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

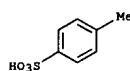
RN 610309-14-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[(3-[(2-(acetyloxy)ethyl)(1-methylethyl)amino]propoxy)-5-methoxyphenyl]-6-chloro-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

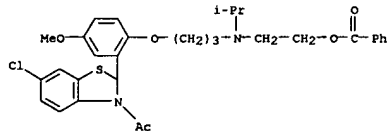


CM 2

CRN 104-15-4  
 CMF C7 H8 O3 S



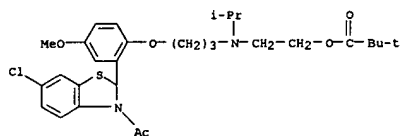
RN 610309-18-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[(3-[(2-(benzyloxy)ethyl)(1-methylethyl)amino]propoxy)-5-methoxyphenyl]-6-chloro-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

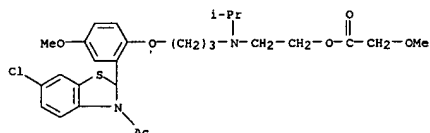
RN 610309-19-8 CAPLUS  
 CN Propanoic acid, 2,2-dimethyl-, 2-[(3-[(2-(3-acetyl-6-chloro-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy)propyl(1-methylethyl)amino]ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



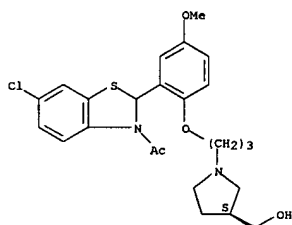
● HCl

RN 610309-20-1 CAPLUS  
 CN Acetic acid, methoxy-, 2-[(3-[2-(3-acetyl-6-chloro-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]propyl)(1-methylethyl)amino]ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)



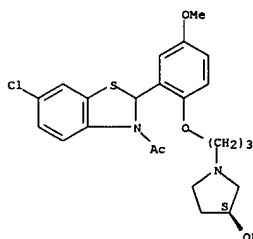
● HCl

RN 610309-21-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxymethoxy)ethyl](1-methylethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

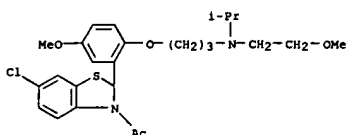
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 Absolute stereochemistry.

RN 610309-25-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(3S)-3-hydroxy-1-pyrrolidinyl]propoxy]-5-methoxyphenyl]- (9CI) (CA INDEX NAME)

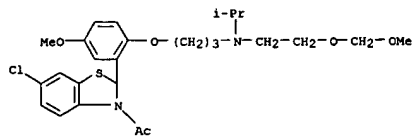
Absolute stereochemistry.



RN 610309-26-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]- (9CI) (CA INDEX NAME)

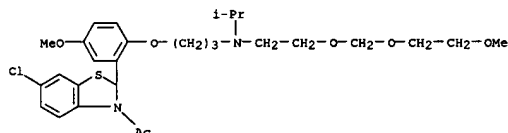


L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

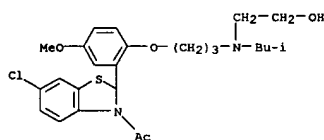


● HCl

RN 610309-22-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethoxy)methoxy]ethyl](1-methylethyl)amino]propoxy]phenyl]- (9CI) (CA INDEX NAME)



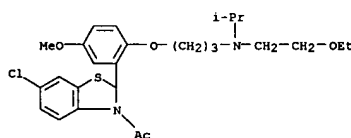
RN 610309-23-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(2-methylpropyl)amino]propoxy]-5-methoxyphenyl]- (9CI) (CA INDEX NAME)



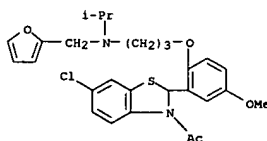
RN 610309-24-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(3S)-3-(hydroxymethyl)-1-pyrrolidinyl]propoxy]-5-methoxyphenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

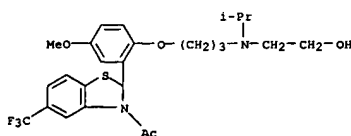
RN 610309-27-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 610309-28-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-furanylmethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

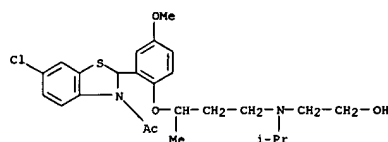


RN 610309-29-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

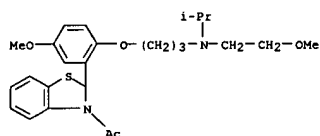


RN 610309-30-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]-1-methylpropoxy]-5-methoxyphenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

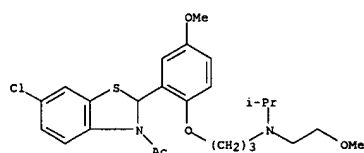


RN 610309-31-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 610309-32-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(2-methoxyethyl)(1-methylethyl)amino]propoxy]phenyl]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



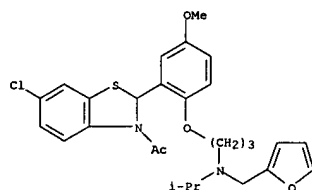
RN 610309-33-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

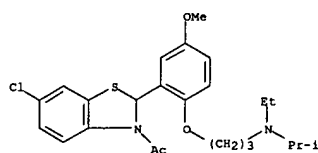
RN 610309-36-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-furanylmethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



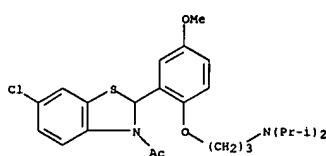
RN 610309-37-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[ethyl(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

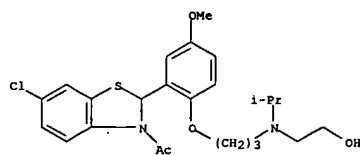


RN 610309-38-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[bis(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

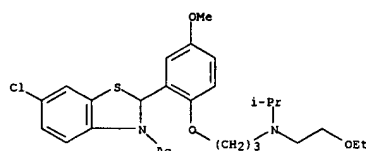


L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



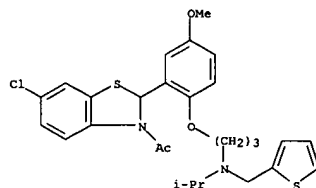
RN 610309-34-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



RN 610309-35-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[(1-methylethyl)(2-thienylmethyl)amino]propoxy]phenyl]-, (+)- (9CI) (CA INDEX NAME)

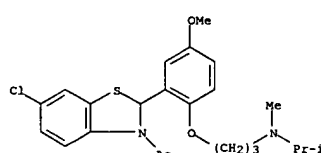
Rotation (+).



L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

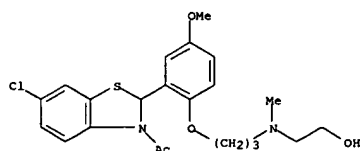
RN 610309-39-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-[methyl(1-methylethyl)amino]propoxy]phenyl]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



RN 610309-40-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)methylamino]propoxy]-5-methoxyphenyl]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

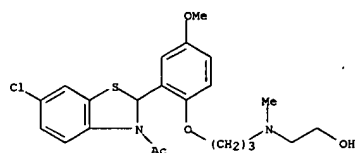


RN 610309-41-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)methylamino]propoxy]-5-methoxyphenyl]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

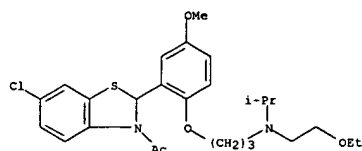


L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



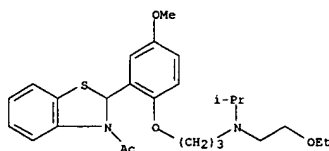
RN 610309-42-7 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



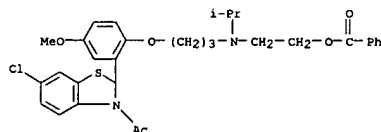
RN 610309-43-8 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

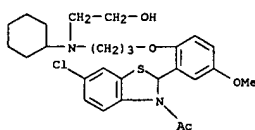


RN 610309-44-9 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[(2-hydroxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

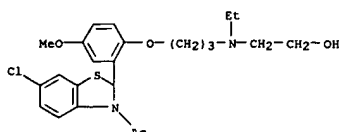
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 610309-48-3 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-6-chloro-2-[2-[3-[(cyclohexyl)(2-hydroxyethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

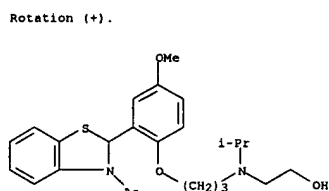


RN 610309-49-4 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-6-chloro-2-[2-[3-[(ethyl)(2-hydroxyethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

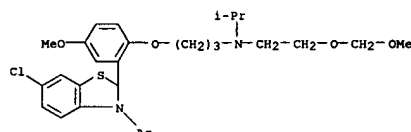


RE. CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

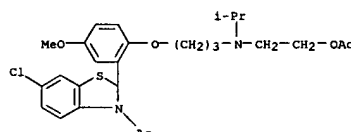
L4 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 610309-45-0 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-6-chloro-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)



RN 610309-46-1 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)



RN 610309-47-2 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[3-[(2-ethoxyethyl)(1-methylethyl)amino]propoxy]-5-methoxyphenyl]-6-chloro-2,3-dihydro-, (+)- (9CI) (CA INDEX NAME)

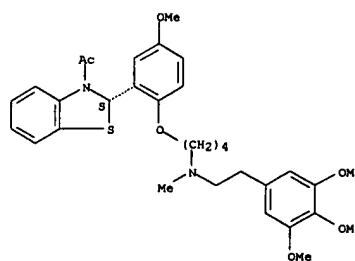
L4 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1994:144163 CAPLUS  
 DN 120:144163  
 TI Topical ophthalmic compositions comprising a combination of calcium antagonists with known antiglaucoma agents  
 IN Desantis, Louis, Jr.  
 PA Alcon Laboratories, Inc., USA  
 SO PCT Int. Appl., 20 PP.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9323082	A1	19931125	WO 1993-US4505	19930512
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9342467	A1	19931213	AU 1993-42467	19930512
EP 639986	A1	19950301	EP 1993-911276	19930512
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE JP 07508030	T2	19950907	JP 1993-503718	19930512
PRAI US 1992-882328	A	19920513		
WO 1993-US4505	A	19930512		
AB Calcium antagonists and compds. which lower intraocular pressure are combined in ophthalmic compns. to treat glaucoma. The calcium antagonists prevent or reduce the loss of visual field, while the intraocular pressure-lowering compds. maintain the intraocular pressure at normal levels.				
IT 112946-90-4				
RI: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (calcium antagonist, ophthalmic compns. containing intraocular pressure-lowering agents and, for glaucoma treatment)				
RN 112946-90-4 CAPLUS				
CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]-, monohydrochloride, (2S)- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.

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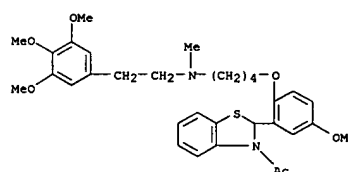


L4 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

PAGE 2-A

● HCl

L4 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1990:515158 CAPLUS  
 DN 113:115158  
 TI Synthesis and calcium antagonistic activity of (+)-(R)- and (-)-(S)-3-acetyl-2-[5-methoxy-2-[4-[N-methyl-N-(3,4,5-trimethoxyphenethyl)amino]butoxy]phenyl]benzothiazoline hydrochloride  
 AU Fujita, Masanobu; Ota, Atsutoshi; Ito, Susumu; Yamamoto, Koji; Kawashima, Yoichi; Iso, Tadashi; Iwao, Junichi  
 CS Cent. Res. Lab., Santen Pharm. Co., Ltd., Osaka, 533, Japan  
 SO Chemical & Pharmaceutical Bulletin (1990), 38(4), 936-41  
 CODEN: CPBTAL; ISSN: 0009-2363  
 DT Journal  
 LA English  
 OS CASREACT 113:115158  
 AB Both enantiomers of SA 2572 (I) were prepared and tested for their activity as Ca channel blockers and their hypotensive activity in rats. (-)-I had a more potent in vitro Ca antagonist activity and hypotensive activity than (+)-I, whereas (+)-I had a more potent inhibitory effect on the fast Ca inward channel than (-)-I, and both had a comparable inhibitory effect on the slow Ca inward channel.  
 IT 129053-94-7  
 RL BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study) (antiarrhythmic and calcium antagonist activity of, in comparison to enantiomers)  
 RN 129053-94-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

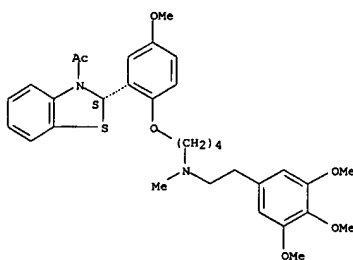
IT 112946-90-4P 116311-93-4P 129170-48-5P  
 RL BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

L4 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 (prepn. and abs. configuration and antiarrhythmic and calcium antagonist activity of)

RN 112946-90-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]-, monohydrochloride, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



● HCl

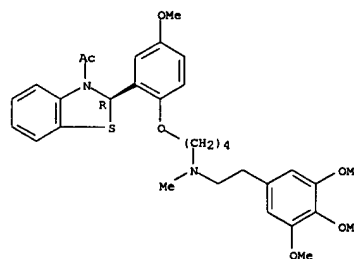
RN 116311-93-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]-, monohydrochloride, (R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 2-A

L4 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

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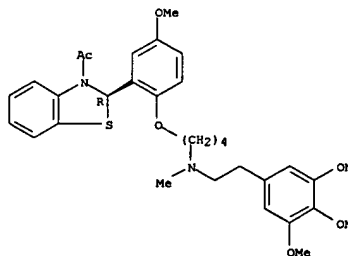


● HCl

RN 129170-48-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

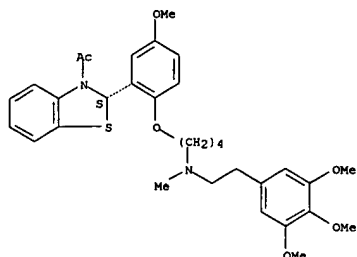
PAGE 2-A



IT 129170-49-6P  
 RL BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent) (preparation and absolute configuration and antiarrhythmic and calcium

L4 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 antagonist activity of)  
 RN 129170-49-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



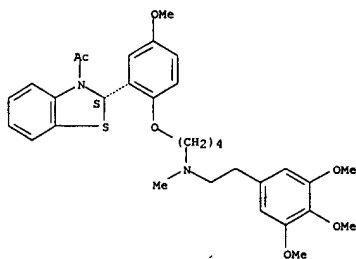
L4 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1990:7476 CAPLUS  
 Correction of: 1988:549521  
 DN 112:7476  
 Correction of: 109:149521  
 TI Preparation of optically active 2-(hydroxyphenyl)benzothiazolines and -benzothiazinones as intermediates for cardiovascular agents  
 IN Iwao, Junichi; Iso, Tadashi; Kawashima, Yoichi  
 PA Santen Pharmaceutical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 10 pp.  
 CODEN: JTKXAF  
 DT Patent  
 LA Japanese  
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63104969	A2	19880510	JP 1986-253158	19861023
	JP 05060833	B4	19930903		
PRAI	JP 1986-253158		19861023		

OS MARPAT 112:7476  
 GI For diagram(s), see printed CA Issue.  
 AB The title compds. [I; R = Q; R1, R3 = 1 or multiple groups selected from H, lower alkyl, lower alkoxy, halo, nitro; R2 = H, lower alkanoyl, lower alkyl; R4, R5 = H, lower alkyl; R6 = H, lower alkyl, (un)substituted Ph, naphthyl; R7 = lower alkyl, (un)substituted Ph, phenylalkoxy; R8 = H, lower alkyl, lower alkoxy, lower alkylthio, halo, cyano, lower alkanoylamino; n = 0, 1; X = S, CH2], useful as intermediates for cardiovascular agents, were prepared. A solution of (±)-3-acetyl-2-(2-hydroxy-5-methoxyphenyl)benzothiazole in DMF was added dropwise to a suspension of NaH in DMF with ice cooling. After stirring the mixture for 30 min at room temperature, a solution prepared by reaction of N-(benzyloxycarbonyl)-L-proline with Me2CHCH2O2CCl in THF containing Et3N under ice-salt cooling was added and the mixture was stirred at room temperature for 3 h to give 24.0% and 20.0% (+) and (-)-3-acetyl-2-[2-[[[(2S)-1-(benzyloxycarbonyl)-2-pyrrolidinyl]carbonyl]oxy]-5-methoxyphenyl]benzothiazoline, resp.  
 IT 112946-90-4B  
 RI: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as cardiovascular agent)  
 RN 112946-90-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]-, monohydrochloride, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
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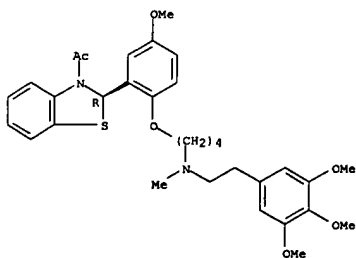
PAGE 2-A

● HCl

IT 116311-93-4B  
 RI: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as intermediate for cardiovascular agent)  
 RN 116311-93-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]-, monohydrochloride, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

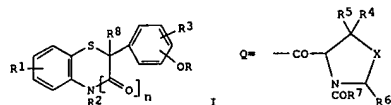
PAGE 1-A



L4 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 PAGE 2-A

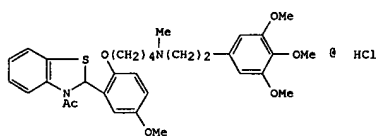
● HCl

L4 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2006 ACS ON STN  
 AN 1988:549521 CAPLUS  
 DN 109:149521  
 TI Preparation of optically active 2-(hydroxyphenyl)benzothiazolines and  
 -benzothiazinones as intermediates for cardiovascular agents  
 IN Iwao, Junichi; Iso, Tadashi; Kawashima, Yoichi  
 PA Santen Pharmaceutical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 10 pp.  
 CODEN: JKKXAF  
 DT Patent  
 LA Japanese  
 PATENT NO. \_\_\_\_\_ KIND \_\_\_\_\_ DATE \_\_\_\_\_ APPLICATION NO. \_\_\_\_\_ DATE \_\_\_\_\_  
 PI JP 63104969 A2 19880510 JP 1986-253158 19861023  
 OS MARPAT 109:149521  
 GI



AB The title compds. [I; R = Q; R1, R3 = 1 or multiple groups selected from H, lower alkyl, lower alkoxy, halo, nitro; R2 = H, lower alkanoyl, lower alkyl; R4, R5 = H, lower alkyl; R6 = H, lower alkyl, (un)substituted Ph, naphthyl; R7 = lower alkyl, (un)substituted Ph, phenylalkoxy; R8 = H, lower alkyl, lower alkoxy, lower alkylthio, halo, cyano, lower alkanoylamino; n = 0, 1; X = S, CH2], useful as intermediates for cardiovascular agents, were prepared. A solution of (±)-3-acetyl-2-(2-hydroxy-5-methoxyphenyl)benzothiazole in DMF was added dropwise to a suspension of NaH in DMF with ice cooling. After stirring the mixture for 30 min at room temperature, a solution prepared by reaction of N-(benzyloxycarbonyl)-L-proline with Me2CHCH2O2CCl in THF containing Et3N under ice-salt cooling was added and the mixture was stirred at room temperature for 3 h to give 24.0% and 20.0% (+) and (-)-3-acetyl-2-[2-[[[(2S)-1-(benzyloxycarbonyl)-2-pyrrolidinyl]carbonyl]oxy]-5-methoxyphenyl]benzothiazoline, resp.  
 IT 112946-90-4P  
 RI: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as cardiovascular agent)  
 RN 112946-90-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]-, monohydrochloride, (2S)-(9CI) (CA INDEX NAME)

L4 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2006 ACS ON STN  
 AN 1988:522190 CAPLUS  
 DN 109:122190  
 TI Electrophysiologic effects of a novel calcium antagonist, SA2572, in isolated rabbit and guinea pig hearts  
 AU Miyawaki, Nobuaki; Furuta, Tatsuji; Shigei, Tatsuhiro  
 CS Sch. Med., Nagoya Univ., Nagoya, Japan  
 SO Journal of Cardiovascular Pharmacology (1988), 12(1), 65-71  
 CODEN: JPCPDJ; ISSN: 0160-2446  
 DT Journal  
 LA English  
 GI

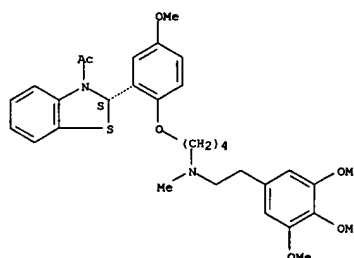


AB The cardiac effects of SA2572 (I), a newly synthesized Ca antagonist, were evaluated in guinea pig and rabbit hearts by electrophysiol. techniques. SA2572 (10-6-10-5M) decreased the upstroke velocity (Vmax) and the duration of the action potential (APD30) in guinea pig papillary muscles in a contraction- and frequency-dependent manner without affecting the resting potential. The slow responses (high K+ + isoproterenol) were suppressed by SA2572 at 10-6M. In rabbit sinus node, SA2572 (10-7-5 + 10-6M) caused a concentration-dependent decrease in the amplitude and Vmax of the action potential and tended to prolong the spontaneous cycle length. In Langendorff-perfused rabbit hearts elec. driven at 2 Hz, SA2572 (5 + 10-8-10-6M) produced concentration-dependent prolongations of the atrio-His bundle conduction time (A-H interval) and the His bundle-ventricular conduction time (H-V interval) concomitantly with a reduction of the developed tension of the ventricular muscle. These effects of SA2572 on the A-H and H-V intervals were more pronounced at higher stimulation frequency. Enantiospecificity was observed in these actions of SA2572, the (-)-isomer of SA2572 having more potent inhibitory effects on slow-channel-dependent than on fast-channel-dependent phenomena. These results indicate that SA2572 has characteristics of both slow and fast channel blockers, and that these inhibitory effects are frequency dependent.  
 IT 112946-90-4 116311-93-4  
 RI: BIOL (Biological study) (heart elec. activity response to, mechanism of)  
 RN 112946-90-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]-, monohydrochloride, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)  
 Absolute stereochemistry.

PAGE 1-A

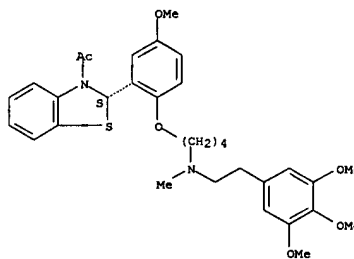


PAGE 2-A

● HCl

L4 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)

PAGE 1-A



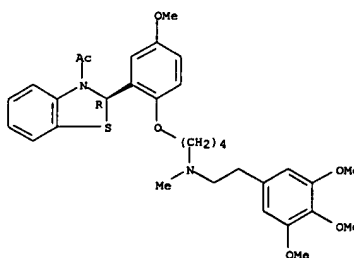
PAGE 2-A

● HCl

RN 116311-93-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]-, monohydrochloride, (R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



L4 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

PAGE 2-A

● HCl

L4 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1988:167460 CAPLUS

DN 108:167460

TI Preparation of 2-phenylbenzothiazoline derivatives as cardiovascular agents

IN Iwao, Junichi; Iso, Tadashi; Kawashima, Yoichi

PA Santen Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKKXAF

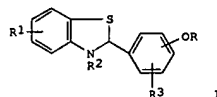
DT Patent

LA Japanese

FAN. CNF 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62221679	A2	19870929	JP 1986-63189	19860319
JP 1986-63189		19860319		

GI



AB The title compds. [I: R = ArR4; R1 = 1 or multiple groups selected from lower alkyl, lower alkoxy, OH, halo, cyano, NO2, lower haloalkyl, or lower alkanoyl; R2 = lower alkanoyl, lower alkylcarbamoyl, PhNHCO, MeSO2; R3 = 1

or multiple groups selected from H, OH, lower alkyl, lower alkoxy, NO2, halo, or lower alkanoyloxy; R4 = (CH)nR5, oxiranyl; R5 = N-substituted aminomethyl, halomethyl; m, n = 0, 1; A = C1-5 alkylene], useful as cardiovascular agents (no data) were prepared A solution of

2,5-(H2N)C1C6H3SH in PhMe was added to a solution of 2,5-(HO)(MeO)C6H3CHO in PhMe-MeOH and

the mixture was heated at 40° for 1 h. To the mixture, a solution of

N-acetylimidazole in PhMe-MeOH was added and the mixture was stirred at

room temperature for 6 h to give 53.3% I (OR = 2-OH, R1 = 6-Cl, R2 = Ac, R3 =

5-MeO).

IT 113933-36-1P 113933-38-3P 113933-40-7P

113933-41-8P 113933-44-1P 113933-45-2P

113933-48-5P 113933-50-9P 113957-18-9P

113957-20-3P 113957-21-4P

RL: BAC (Biological activity or effector, except adverse); BSU

(Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of, as cardiovascular agent)

RN 113933-36-1 CAPLUS

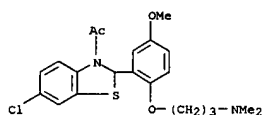
CN Benzothiazole, 3-acetyl-6-chloro-2-[2-{3-(dimethylamino)propoxy}-5-

L4 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

CRN 113933-35-0

CMF C21 H25 C1 N2 O3 S

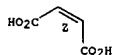


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

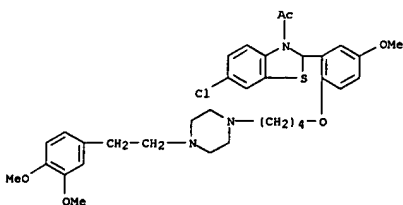


RN 113933-38-3 CAPLUS  
CN Benzothiazole,  
3-acetyl-6-chloro-2-[2-{4-[2-(3,4-dimethoxyphenyl)ethyl]-  
1-piperazinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate  
(9CI) (CA INDEX NAME)

CM 1

CRN 113933-37-2

CMF C34 H42 C1 N3 O5 S



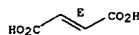
L4 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

CRN 110-17-8

CMF C4 H4 O4

Double bond geometry as shown.

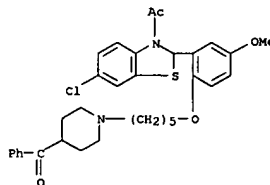


RN 113933-40-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{[5-(4-benzoyl-1-piperidinyl)pentyl]oxy}-5-  
methoxyphenyl]-6-chloro-2,3-dihydro-, ethanedioate (9CI) (CA INDEX NAME)

CM 1

CRN 113933-39-4

CMF C33 H37 C1 N2 O4 S



CM 2

CRN 144-62-7

CMF C2 H2 O4

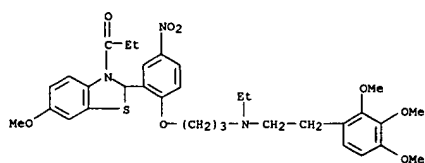


RN 113933-41-8 CAPLUS

CN Benzothiazole,

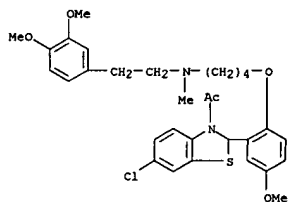
2-[2-{3-[ethyl[2-(2,3,4-trimethoxyphenyl)ethyl]amino]propox  
yl]-5-nitrophenyl]-2,3-dihydro-6-methoxy-3-(1-oxopropyl)-, hydrochloride  
(9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● x HCl

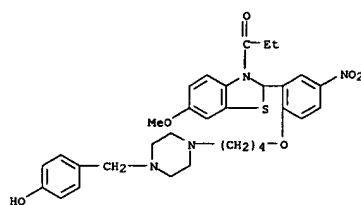
RN 113933-44-1 CAPLUS  
 CN Benzo[thiazole, 3-acetyl-6-chloro-2-[2-[4-[[2-(3,4-dimethoxyphenyl)ethyl]methylamino]butoxy]-5-methoxyphenyl]-2,3-dihydro-, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

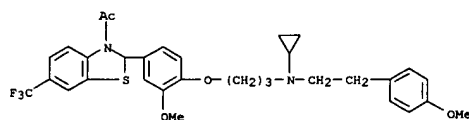
RN 113933-45-2 CAPLUS  
 CN Benzo[thiazole, 2,3-dihydro-2-[2-[4-[[4-(4-hydroxyphenyl)methyl]-1-piperazinyl]butoxy]-5-nitrophenyl]-6-methoxy-3-(1-oxopropyl)-, hydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● x HCl

RN 113933-48-5 CAPLUS  
 CN Benzo[thiazole, 3-acetyl-2-[4-[3-(cyclopropyl[2-(4-methoxyphenyl)ethyl]amino]propoxy]-3-methoxyphenyl]-2,3-dihydro-6-(trifluoromethyl)-, hydrochloride (9CI) (CA INDEX NAME)



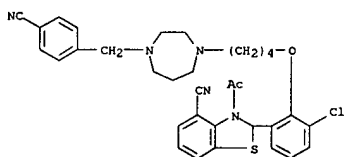
● x HCl

RN 113933-50-9 CAPLUS  
 CN 4-Benzo[thiazole]carbonitrile, 3-acetyl-2-[3-chloro-2-[4-[4-((4-cyanophenyl)methyl)hexahydro-1H-1,4-diazepin-1-yl]butoxy]phenyl]-2,3-dihydro-, (2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

CRN 113933-49-6  
 CMF C33 H34 Cl N5 O2 S

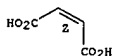
L4 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

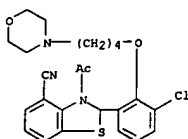
Double bond geometry as shown.



RN 113957-18-9 CAPLUS  
 CN 4-Benzo[thiazole]carbonitrile, 3-acetyl-2-[3-chloro-2-[4-(4-morpholinyl)butoxy]phenyl]-2,3-dihydro-, (2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

CRN 113957-17-8  
 CMF C24 H26 Cl N3 O3 S

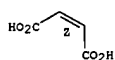


CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

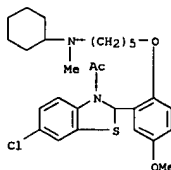
L4 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 113957-20-3 CAPLUS  
 CN Benzo[thiazole, 3-acetyl-6-chloro-2-[2-[[5-(cyclohexylmethylamino)pentyl]oxyl]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

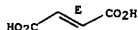
CRN 113957-19-0  
 CMF C28 H37 Cl N2 O3 S



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.



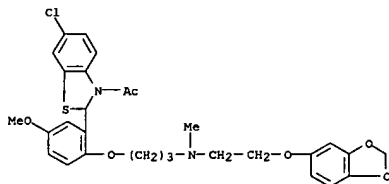
RN 113957-21-4 CAPLUS  
 CN Benzo[thiazole, 2,3-dihydro-6-methoxy-2-[2-[4-[methyl[2-(2,3,4-trimethoxyphenyl)ethyl]amino]butoxy]-5-nitrophenyl]-3-(1-oxopropyl)-, hydrochloride (9CI) (CA INDEX NAME)



L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CMF C2 H2 O4



RN 113955-57-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{3-[[2-(1,3-benzodioxol-5-yloxy)ethyl]methylamino]propoxy}-5-methoxyphenyl]-6-chloro-2,3-dihydro-, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

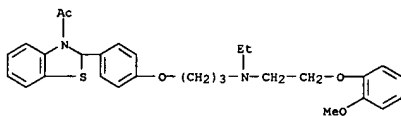
RN 113955-59-2 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{3-[[3-(1,3-benzodioxol-5-yloxy)propyl]methylamino]propoxy}-5-methoxyphenyl]-2,3-dihydro-, (ZE)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

CRN 113955-58-1  
CMF C30 H34 N2 O6 S

L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CM 1

CRN 113955-61-6  
CMF C29 H34 N2 O4 S

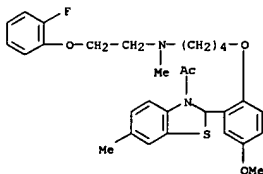


CM 2

CRN 144-62-7  
CMF C2 H2 O4



RN 113955-63-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{4-[[2-(2-fluorophenoxy)ethyl]methylamino]butoxy}-5-methoxyphenyl]-2,3-dihydro-6-methyl-, hydrochloride (9CI) (CA INDEX NAME)

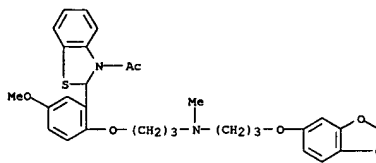


● x HCl

RN 113955-65-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{4-[[2-(2,3-dihydro-1,4-benzodioxin-6-yl)oxy]ethyl]methylamino]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (ZE)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

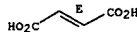
L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



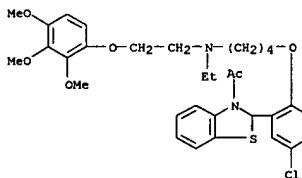
CM 2

CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



RN 113955-60-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[5-chloro-2-[4-{ethyl[2-(2,3,4-trimethoxyphenoxy)ethyl]amino]butoxy]phenyl]-2,3-dihydro-, hydrochloride (9CI) (CA INDEX NAME)

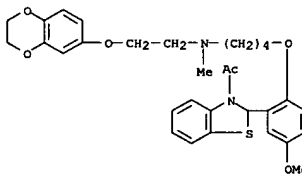


● x HCl

RN 113955-62-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[4-{3-[ethyl[2-(2-methoxyphenoxy)ethyl]amino]propoxy]phenyl]-2,3-dihydro-, ethanedioate (9CI) (CA INDEX NAME)

L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

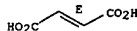
CRN 113955-64-9  
CMF C31 H36 N2 O6 S



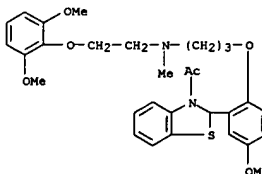
CM 2

CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



RN 113955-66-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{3-[[2-(2,6-dimethoxyphenoxy)ethyl]methylamino]propoxy}-5-methoxyphenyl]-2,3-dihydro-, hydrochloride (9CI) (CA INDEX NAME)



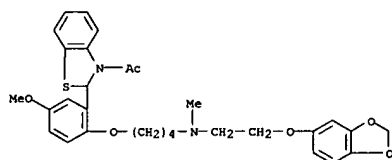
● x HCl

RN 113955-68-3 CAPLUS  
CN Benzothiazole, 3-acetyl-6-chloro-2,3-dihydro-2-[5-methoxy-2-[3-{methyl[2-(3,4,5-trimethoxyphenoxy)ethyl]amino]propoxy]phenyl]-, ethanedioate (9CI)



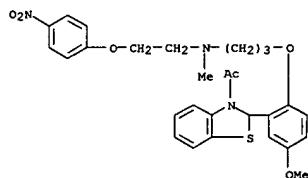


L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● x HCl

RN 113955-78-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[methyl(2-(4-nitrophenoxy)ethyl)amino]propoxy]phenyl]-, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

RN 113955-80-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[[2-[(2,3-dihydro-1,4-benzodioxin-6-yl)oxy]ethyl]methylamino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (9CI) (CA INDEX NAME)

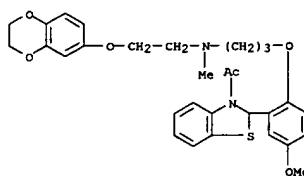
CM 1

CRN 113955-79-6  
 CMF C30 H34 N2 O6 S

L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CN 144-62-7  
 CMF C2 H2 O4



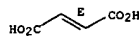
L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

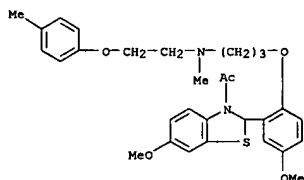
Double bond geometry as shown.



RN 113955-82-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-6-methoxy-2-[5-methoxy-2-[3-[methyl(2-(4-methylphenoxy)ethyl)amino]propoxy]phenyl]-, ethanedioate (9CI) (CA INDEX NAME)

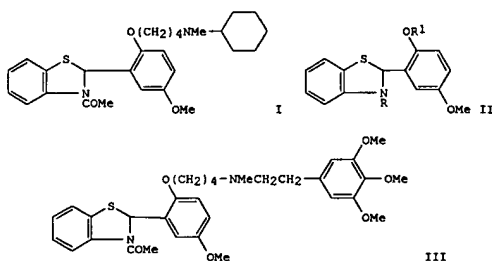
CM 1

CRN 113955-81-0  
 CMF C30 H36 N2 O5 S



CM 2

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1988:167368 CAPLUS  
 DN 108:167368  
 TI Novel calcium antagonists. Synthesis and structure-activity relationship studies of benzothiazoline derivatives  
 AU Yamamoto, Koji; Fujita, Masanobu; Tabashi, Keizo; Kawashima, Yoichi; Kato, Eishin; Oya, Masayuki; Iso, Tadashi; Iwao, Junichi  
 CS Res. Lab., Santen Pharm. Co., Ltd., Osaka, Japan  
 SO Journal of Medicinal Chemistry (1988), 31(5), 919-30  
 CODEN: JMCMAR; ISSN: 0022-2623  
 DT Journal  
 LA English  
 OS CASREACT 108:167368  
 GI

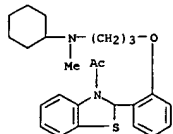


AB Novel benzothiazoline derivs. were studied for their structure-activity relationships with respect to Ca<sup>2+</sup> antagonist activity. As test compds., 42 3-acyl-2-arylbenzothiazolines, e.g., I, were synthesized. Thus, 2-H<sub>2</sub>N-C<sub>6</sub>H<sub>4</sub>-SH reacted with 2,5-HO(MeO)-C<sub>6</sub>H<sub>3</sub>-CHO to give hydroxymethoxyphenylbenzothiazoline II (R = R<sub>1</sub> = H) which on treatment with Ac<sub>2</sub>O gave I (R = Ac, R<sub>1</sub> = H). Etherification of the latter II by treatment with NaH and then Br(CH<sub>2</sub>)<sub>4</sub>Br in DMF followed by amination with N-methylcyclohexylamine gave 56% I. These benzothiazoline derivs., e.g., I, exerted higher Ca<sup>2+</sup> antagonist activity than the corresponding thiazolidine derivs. The effects of substituents, the substitution position of the aminoalkoxy group, and the length of the methylene chain on biol. activities were examined. The hydrochloride of 3-acetyl-2-[5-

methoxy-2-[4-(N-methyl-N-(3,4,5-trimethoxyphenethyl)amino)butoxy]phenyl]benzothiazoline (III) showed a potent Ca<sup>2+</sup> antagonist activity in vitro and dual inhibition on the fast Na<sup>+</sup> inward channel and the slow Ca<sup>2+</sup> inward channel in Langendorff perfused rabbit hearts. III.HCl also showed a long acting hypotensive effect in spontaneously hypertensive rats and prevented acute pulmonary thrombotic death in mice.

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

IT 06135-09-3P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and calcium antagonist activity of)  
 RN 86135-09-3 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-  
 dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

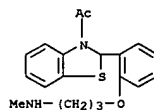


● HCl

IT 06135-02-6P 06135-03-7P 06135-07-1P  
 06135-08-2P 06135-16-2P 06135-20-8P  
 06135-21-9P 06135-22-0P 06135-23-1P  
 06135-24-2P 06135-25-3P 06135-26-4P  
 06135-27-5P 06135-28-6P 06135-29-7P  
 06135-30-0P 06135-31-1P 06135-34-4P  
 06135-36-6P 06135-40-2P 06135-41-3P  
 06135-49-1P 06135-50-4P 06135-57-1P  
 06135-58-2P 06135-60-6P 06135-82-2P  
 06135-83-3P 06135-84-4P 06135-85-5P  
 06135-86-6P 06135-87-7P 06135-88-8P  
 06135-89-9P 06135-92-4P 06136-36-9P  
 06136-37-0P 06136-58-5P 06136-61-0P  
 06136-62-1P 99320-49-7P 99320-53-3P  
 112946-45-9P 112946-46-0P 112946-47-1P  
 112946-48-2P 112946-49-3P 112946-50-6P  
 112946-51-7P 112946-54-0P 112946-57-3P  
 112946-58-4P 112946-61-9P 112946-62-0P  
 112946-63-1P 112946-64-2P 112946-66-4P  
 112946-67-5P 112946-68-6P 112946-69-7P  
 112946-70-0P 112946-71-1P 112946-73-3P  
 112946-74-4P 112946-75-5P 112946-76-6P  
 112946-77-7P 112946-78-8P 112946-79-9P  
 112946-80-2P 112946-81-3P 112946-82-4P  
 112946-83-5P 112946-84-6P 112946-85-7P  
 112946-86-8P 112946-87-9P 112946-88-0P  
 112946-89-1P 112947-04-3P 112947-05-4P  
 112947-06-5P 112947-07-6P 112947-08-7P  
 112947-09-8P 112947-10-1P 112947-11-2P  
 112947-12-3P 112947-13-4P 112947-14-5P  
 112947-15-6P 112947-16-7P 112947-17-8P

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

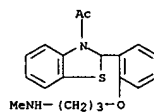
112947-18-9P 112947-19-0P 112947-20-3P  
 112947-21-4P 112947-22-5P 112947-23-6P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. and calcium antagonist activity of)  
 RN 86135-02-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-(methylamino)propoxy]phenyl]-  
 (9CI) (CA INDEX NAME)



RN 86135-03-7 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2,3-dihydro-2-[2-[3-(methylamino)propoxy]phenyl]-,  
 (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

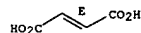
CRN 86135-02-6  
 CMF C19 H22 N2 O2 S



CM 2

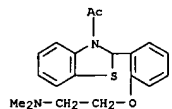
CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.



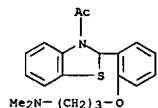
RN 86135-07-1 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[2-(dimethylamino)ethoxy]phenyl]-2,3-dihydro-  
 , monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

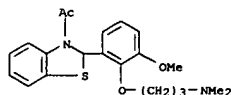


● HCl

RN 86135-08-2 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro-  
 (9CI) (CA INDEX NAME)



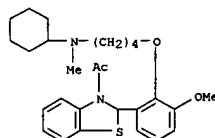
RN 86135-16-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-3-methoxyphenyl]-  
 2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

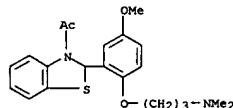
RN 86135-20-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-3-  
 methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

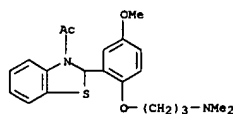
RN 86135-21-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-5-methoxyphenyl]-  
 2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86135-22-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-5-methoxyphenyl]-  
 2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-21-9  
 CMF C21 H26 N2 O3 S

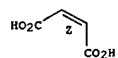


CM 2

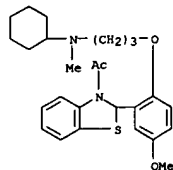
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



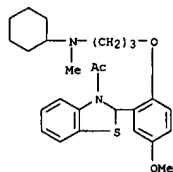
RN 86135-23-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86135-24-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-23-1  
 CMF C26 H34 N2 O3 S



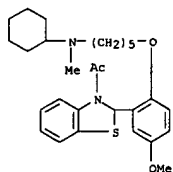
CM 2

CRN 144-62-7  
 CMF C2 H2 O4

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



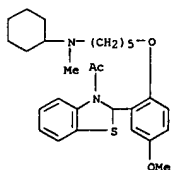
RN 86135-27-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[[5-(cyclohexylmethylamino)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86135-28-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[[5-(cyclohexylmethylamino)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-27-5  
 CMF C28 H38 N2 O3 S



CM 2

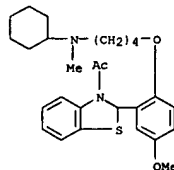
CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



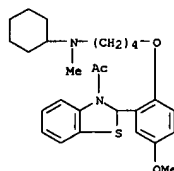
RN 86135-25-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86135-26-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

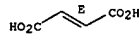
CRN 86135-25-3  
 CMF C27 H36 N2 O3 S



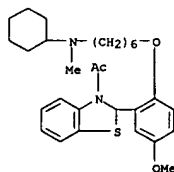
CM 2

CRN 144-62-7  
 CMF C2 H2 O4

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



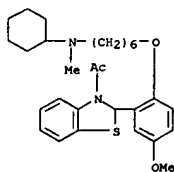
RN 86135-29-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[[6-(cyclohexylmethylamino)hexyl]oxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86135-30-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[[6-(cyclohexylmethylamino)hexyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-29-7  
 CMF C29 H40 N2 O3 S

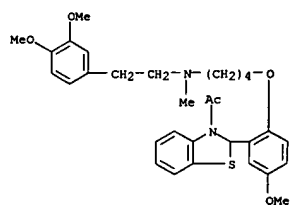


CM 2

CRN 144-62-7  
 CMF C2 H2 O4

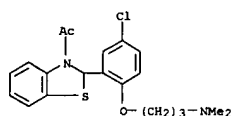


L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 RN 86135-31-1 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[4-[[2-(3,4-dimethoxyphenyl)ethyl]methylamino]  
 ]butoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA  
 INDEX NAME)



● HCl

RN 86135-34-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[5-chloro-2-[3-(dimethylamino)propoxy]phenyl]-  
 2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



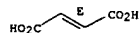
● HCl

RN 86135-36-6 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-5-nitrophenyl]-2,3-  
 dihydro- (9CI) (CA INDEX NAME)

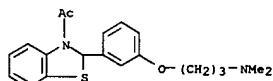
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CM 2

CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.



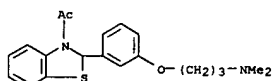
RN 86135-49-1 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[3-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro-  
 (9CI) (CA INDEX NAME)



RN 86135-50-4 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[3-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro-  
 , (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

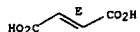
CRN 86135-49-1  
 CMF C20 H24 N2 O2 S



CM 2

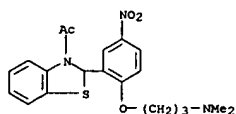
CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.

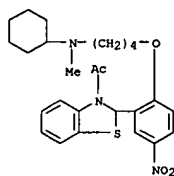


RN 86135-57-1 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[4-[2-(dimethylamino)ethoxy]phenyl]-2,3-dihydro-  
 , monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



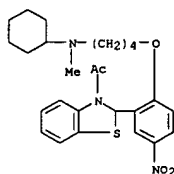
RN 86135-40-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-5-  
 nitrophenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



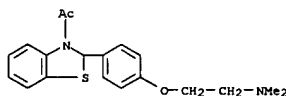
RN 86135-41-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-5-  
 nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX  
 NAME)

CM 1

CRN 86135-40-2  
 CMF C26 H33 N3 O4 S

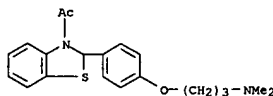


L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



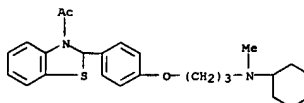
● HCl

RN 86135-58-2 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[4-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro-  
 , monohydrochloride (9CI) (CA INDEX NAME)



● HCl

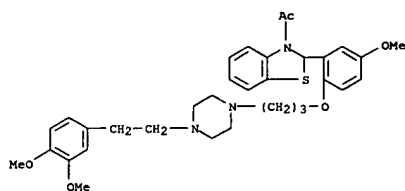
RN 86135-60-6 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[4-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-  
 dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-82-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-  
 piperazinyl]propoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

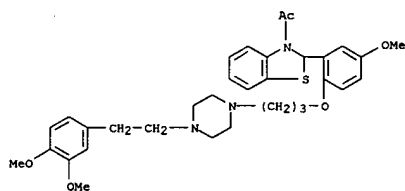
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 86135-83-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-{4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl}propoxy]-5-methoxyphenyl-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

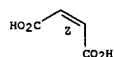
CRN 86135-82-2  
 CMF C33 H41 N3 O5 S



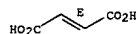
CM 2

CRN 110-16-7  
 CMF C4 H4 O4

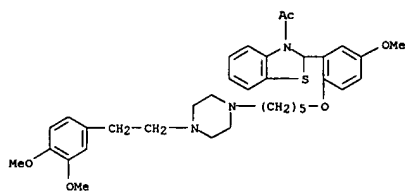
Double bond geometry as shown.



L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



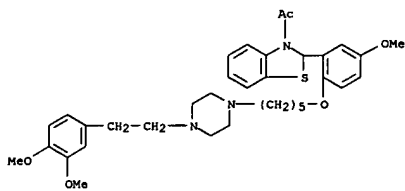
RN 86135-86-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-{[5-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]pentyl]oxy}-5-methoxyphenyl]-2,3-dihydro-, (9CI) (CA INDEX NAME)



RN 86135-87-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-{[5-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]pentyl]oxy}-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-86-6  
 CMF C35 H45 N3 O5 S



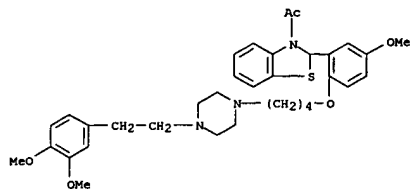
CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

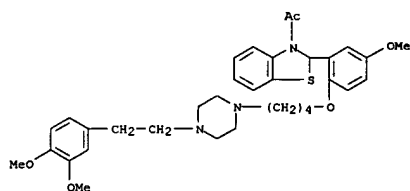
RN 86135-84-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-{4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]-5-methoxyphenyl-2,3-dihydro-, (9CI) (CA INDEX NAME)



RN 86135-85-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-{4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]-5-methoxyphenyl-2,3-dihydro-, (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-84-4  
 CMF C34 H43 N3 O5 S

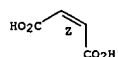


CM 2

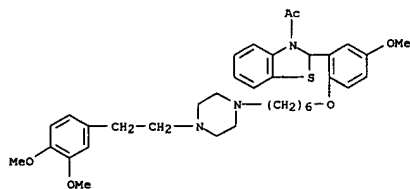
CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



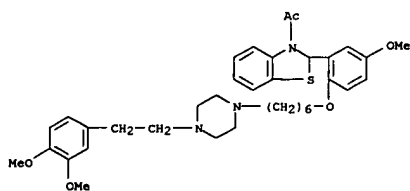
RN 86135-88-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-{[6-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]hexyl]oxy}-5-methoxyphenyl]-2,3-dihydro-, (9CI) (CA INDEX NAME)



RN 86135-89-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-{[6-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]hexyl]oxy}-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

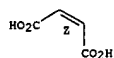
CRN 86135-88-8  
 CMF C36 H47 N3 O5 S



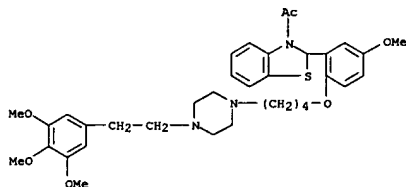
CM 2

CRN 110-16-7  
 CMF C4 H4 O4

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
Double bond geometry as shown.

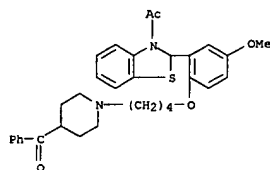


RN 86135-92-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]-, dihydrochloride (9CI) (CA INDEX NAME)



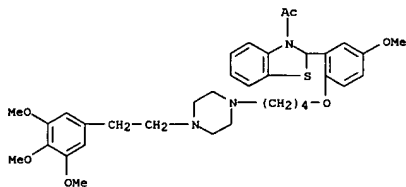
● 2 HCl

RN 86136-36-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-(4-benzoyl-1-piperidinyl)butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

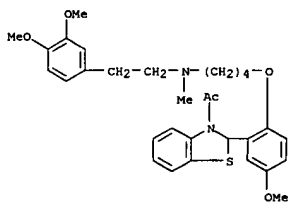


RN 86136-37-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-(4-benzoyl-1-piperidinyl)butoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

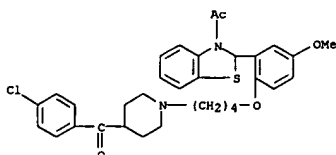
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 86136-62-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-[(2-(3,4-dimethoxyphenyl)ethyl)methylamino]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



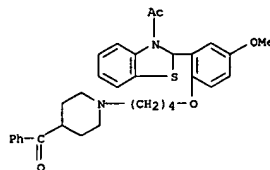
RN 99320-49-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(4-chlorobenzoyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 99320-53-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(4-fluorobenzoyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CM 1

CRN 86136-36-9  
CMF C32 H36 N2 O4 S

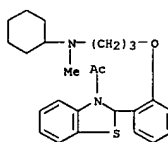


CM 2

CRN 144-62-7  
CMF C2 H2 O4

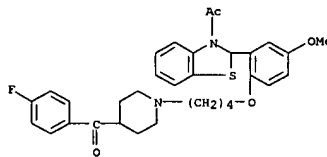


RN 86136-58-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86136-61-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]- (9CI) (CA INDEX NAME)

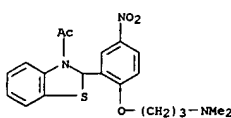
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 112946-45-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (2:3) (9CI) (CA INDEX NAME)

CM 1

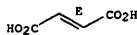
CRN 86135-36-6  
CMF C20 H23 N3 O4 S



CM 2

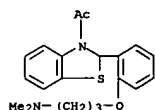
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



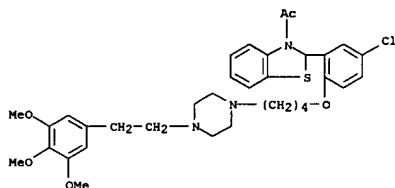
RN 112946-46-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 112946-47-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[5-chloro-2-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

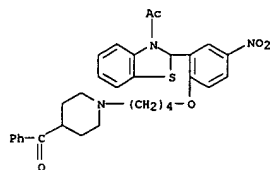


RN 112946-48-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[5-chloro-2-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 112946-47-1  
 CMF C34 H42 Cl N3 O5 S

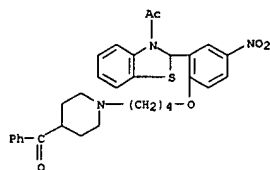
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 112946-51-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(4-benzoyl-1-piperidinyloxy)-5-nitrophenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

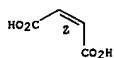
CRN 112946-50-6  
 CMF C31 H33 N3 O5 S



CM 2

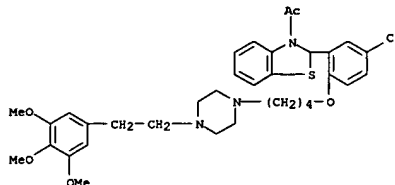
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 112946-54-0 CAPLUS  
 CN Benzothiazole, 2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-dihydro-3-(1-oxopropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

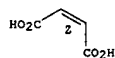
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



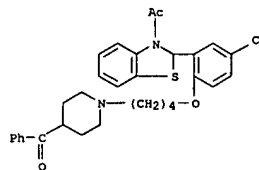
CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

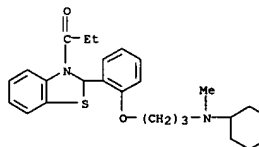


RN 112946-49-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(4-benzoyl-1-piperidinyloxy)-5-chlorophenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



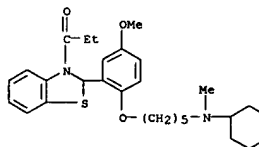
RN 112946-50-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(4-benzoyl-1-piperidinyloxy)-5-nitrophenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

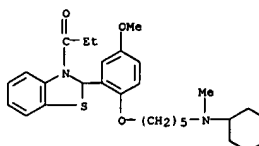
RN 112946-57-3 CAPLUS  
 CN Benzothiazole, 2-[2-[5-(cyclohexylmethylamino)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro-3-(1-oxopropyl)- (9CI) (CA INDEX NAME)



RN 112946-58-4 CAPLUS  
 CN Benzothiazole, 2-[2-[5-(cyclohexylmethylamino)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro-3-(1-oxopropyl)-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 112946-57-3  
 CMF C29 H40 N2 O3 S

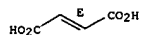




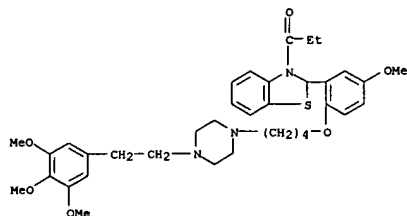
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CM 2

CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



RN 112946-61-9 CAPLUS  
CN Benzothiazole, 2,3-dihydro-2-[5-methoxy-2-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]-3-(1-oxopropyl)- (9CI) (CA INDEX NAME)



RN 112946-62-0 CAPLUS  
CN Benzothiazole, 2,3-dihydro-2-[5-methoxy-2-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]-3-(1-oxopropyl)-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

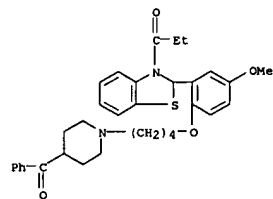
CM 1

CRN 112946-61-9  
CMF C36 H47 N3 O6 S

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
NAME)

CM 1

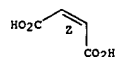
CRN 112946-63-1  
CMF C33 H38 N2 O4 S



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

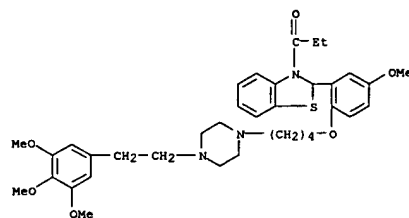


RN 112946-66-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-(4-fluorobenzoyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 99320-53-3  
CMF C32 H35 F N2 O4 S

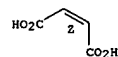
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



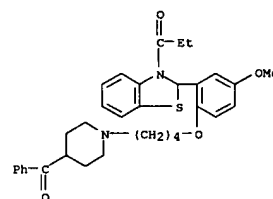
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

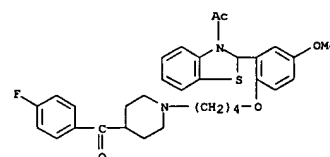


RN 112946-63-1 CAPLUS  
CN Benzothiazole, 2-[2-[4-(4-benzoyl-1-piperidinyl)butoxy]-5-methoxyphenyl]-2,3-dihydro-3-(1-oxopropyl)- (9CI) (CA INDEX NAME)



RN 112946-64-2 CAPLUS  
CN Benzothiazole, 2-[2-[4-(4-benzoyl-1-piperidinyl)butoxy]-5-methoxyphenyl]-2,3-dihydro-3-(1-oxopropyl)-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

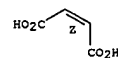
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



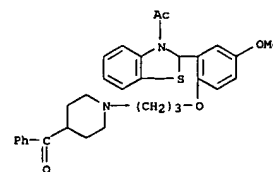
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 112946-67-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(4-benzoyl-1-piperidinyl)propoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

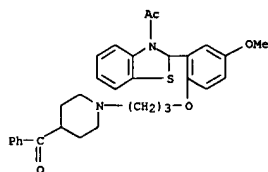


RN 112946-68-6 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(4-benzoyl-1-piperidinyl)propoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 112946-67-5  
CMF C31 H34 N2 O4 S

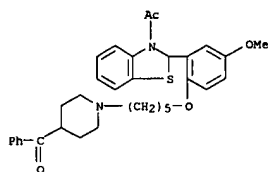
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 144-62-7  
CMF C2 H2 O4

RN 112946-69-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[[5-(4-benzoyl-1-piperidinyl)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



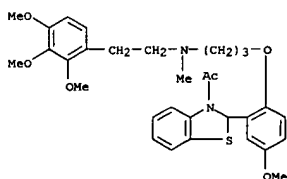
RN 112946-70-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[[5-(4-benzoyl-1-piperidinyl)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 112946-69-7  
CMF C33 H38 N2 O4 S

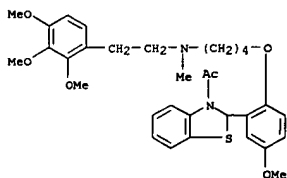
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 112946-73-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[methyl(2-(2,3,4-trimethoxyphenyl)ethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

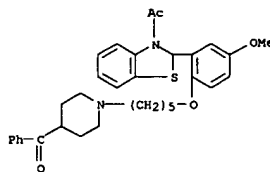
RN 112946-74-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(2,3,4-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 112946-75-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[5-[methyl(2-(2,3,4-trimethoxyphenyl)ethyl)amino]pentyl]oxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

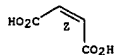
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



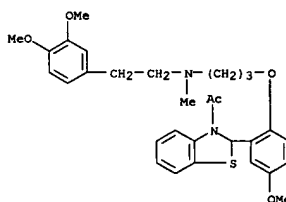
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

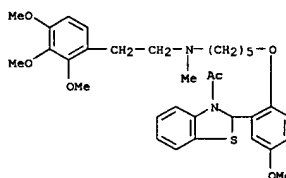


RN 112946-71-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[[2-(3,4-dimethoxyphenyl)ethyl]methylamino]propoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



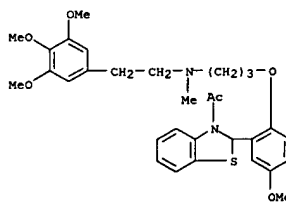
● HCl

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

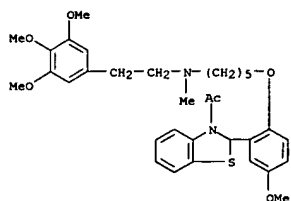
RN 112946-76-6 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

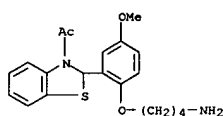
RN 112946-77-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[5-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]pentyl]oxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 112946-78-8 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-(4-aminobutoxy)-5-methoxyphenyl]-2,3-dihydro-  
 (9CI) (CA INDEX NAME)

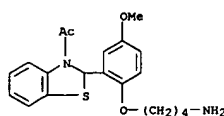


RN 112946-79-9 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-(4-aminobutoxy)-5-methoxyphenyl]-2,3-dihydro-  
 , (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 112946-78-8  
 CMF C20 H24 N2 O3 S

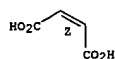
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



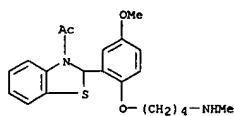
CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 112946-80-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-(methylamino)butoxy]phenyl]- (9CI) (CA INDEX NAME)

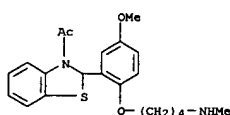


RN 112946-81-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-(methylamino)butoxy]phenyl]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 112946-80-2  
 CMF C21 H26 N2 O3 S

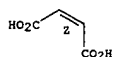
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

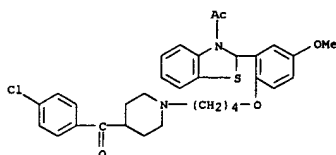
Double bond geometry as shown.



RN 112946-82-4 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[4-[4-(4-chlorobenzoyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 99320-49-7  
 CMF C32 H35 Cl N2 O4 S

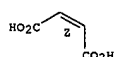


CM 2

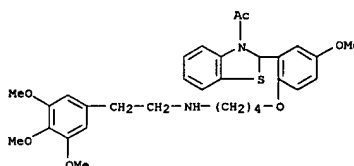
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

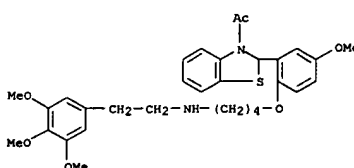


RN 112946-83-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]- (9CI) (CA INDEX NAME)



CM 1

CRN 112946-83-5  
 CMF C31 H38 N2 O6 S



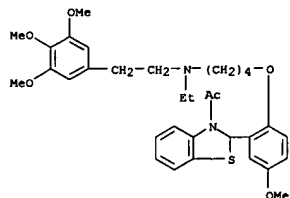
CM 2

CRN 144-62-7  
 CMF C2 H2 O4

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



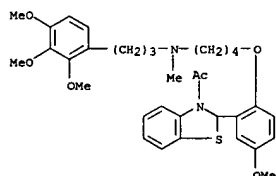
RN 112946-85-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-(4-{ethyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino}butoxy)-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

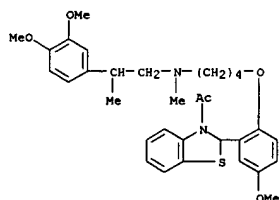
RN 112946-86-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[(1-methylethyl)(2-(3,4,5-trimethoxyphenyl)ethyl]amino)butoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

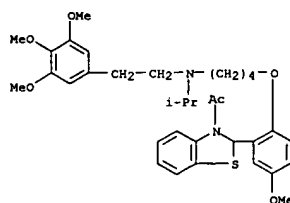
RN 112946-89-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[[2-(3,4-dimethoxyphenyl)propyl]methylamino]butoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

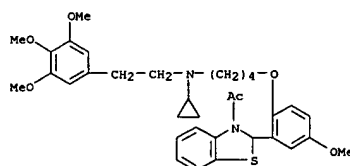
RN 112947-04-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[2-(dimethylamino)ethoxy]phenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

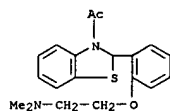
RN 112946-87-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-(4-{cyclopropyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino}butoxy)-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



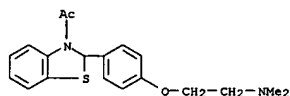
● HCl

RN 112946-88-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[3-(2,3,4-trimethoxyphenyl)propyl]amino]butoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

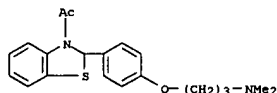
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



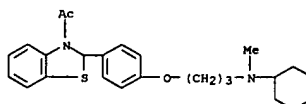
RN 112947-05-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-(4-{[2-(dimethylamino)ethoxy]phenyl}-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 112947-06-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-(4-{[3-(dimethylamino)propoxy]phenyl}-2,3-dihydro- (9CI) (CA INDEX NAME)

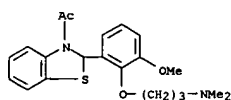


RN 112947-07-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-(4-{[3-(cyclohexylmethylamino)propoxy]phenyl}-2,3-dihydro- (9CI) (CA INDEX NAME)

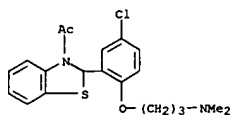


RN 112947-08-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-3-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

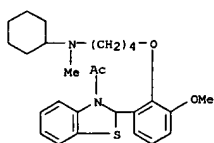
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 112947-09-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[5-chloro-2-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

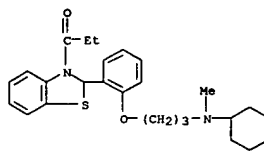


RN 112947-10-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-3-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

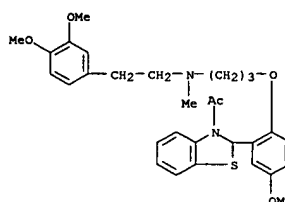


RN 112947-11-2 CAPLUS  
 CN Benzothiazole, 2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-dihydro-3-[1-oxopropyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

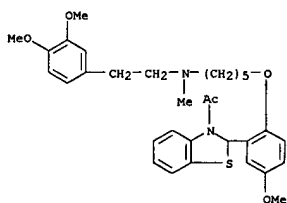


RN 112947-12-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[(2-(3,4-dimethoxyphenyl)ethyl)methylamino]propoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

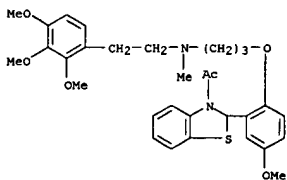


RN 112947-13-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[5-[(2-(3,4-dimethoxyphenyl)ethyl)methylamino]pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

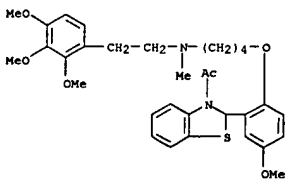
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 112947-14-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[methyl[2-(2,3,4-trimethoxyphenyl)ethyl]amino]propoxy]phenyl]- (9CI) (CA INDEX NAME)

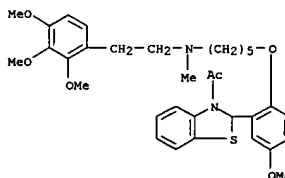


RN 112947-15-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[2-(2,3,4-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]- (9CI) (CA INDEX NAME)

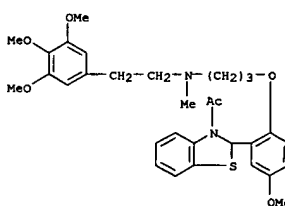


RN 112947-16-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[5-[methyl[2-(2,3,4-trimethoxyphenyl)ethyl]amino]pentyl]oxy]phenyl]- (9CI) (CA INDEX NAME)

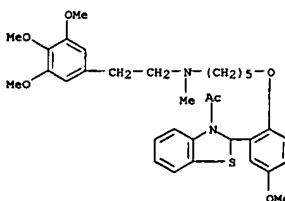
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 112947-17-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[3-[methyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]propoxy]phenyl]- (9CI) (CA INDEX NAME)

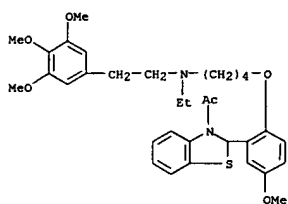


RN 112947-18-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]- (9CI) (CA INDEX NAME)

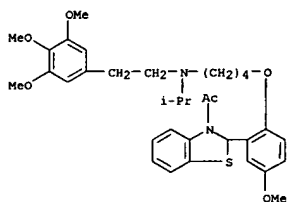


RN 112947-19-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[ethyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



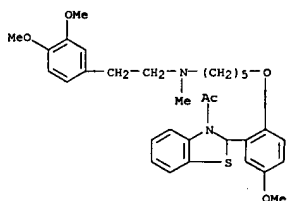
RN 112947-20-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[(1-methylethyl)[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 112947-21-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[(cyclopropyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

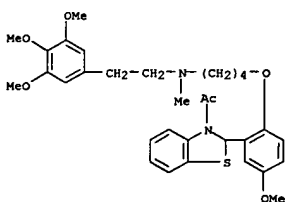
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

IT 112946-72-2P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and calcium antagonist activity of)  
 RN 112946-72-2 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[5-[(2-(3,4-dimethoxyphenyl)ethyl)methylamin  
 o]pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

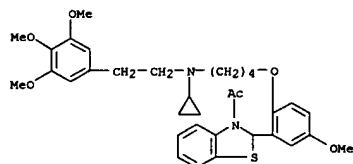
IT 105148-98-9P 112946-90-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation, calcium antagonist, and antihypertensive activity of)  
 RN 105148-98-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]- (9CI) (CA INDEX NAME)



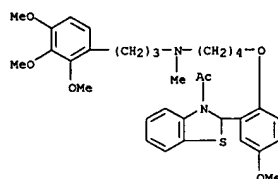
RN 112946-90-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[2-(3,4,5-trimethoxyphenyl)ethyl]amino]butoxy]phenyl]-, monohydrochloride, (2S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

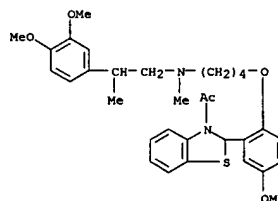
L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 112947-22-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl[3-(2,3,4-trimethoxyphenyl)propyl]amino]butoxy]phenyl]- (9CI) (CA INDEX NAME)

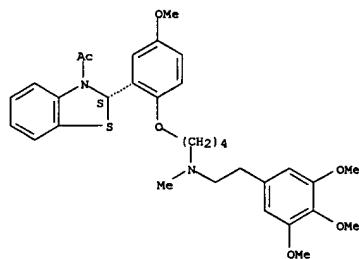


RN 112947-23-6 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[4-[[2-(3,4-dimethoxyphenyl)propyl]methylamin  
 o]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

PAGE 1-A



PAGE 2-A

● HCl

L4 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1986:608865 CAPLUS

DN 105:208865

TI Benzothiazoline derivatives

IN Iwao, Junichi; Iso, Tadashi; Oya, Masayuki

PA Santen Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

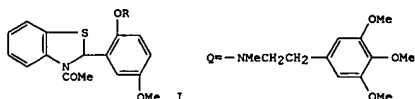
CODEN: JPOKAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 61083175	A2	19860426	JP 1984-187169	19840906
PRAI JP 1984-187169		19840906		
OS CASREACT 105:208865				
GI				



AB The title compound [I; R = (CH<sub>2</sub>)<sub>4</sub>Q] (II), useful as an antihypertensive, anticoagulant, and calcium antagonist, was prepared. Alkylation of I (R = H) with Br(CH<sub>2</sub>)<sub>4</sub>Br in DMF containing NaH and amination of the resulting I [R = (CH<sub>2</sub>)<sub>4</sub>Br] with QH in EtOH containing Et<sub>3</sub>N under reflux for 3 h gave II. II at 28 mg/kg p.o. lowered the blood pressure of mice and at 12 mg/kg inhibited blood platelet aggregation in mice. II also showed calcium antagonistic activity in an in vitro test using guinea pig's appendices. Capsules containing I and lactose were prepared.

IT 105148-98-9P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as antihypertensive, anticoagulant and calcium antagonist).

RN 105148-98-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[methyl(2-(3,4,5-trimethoxyphenyl)ethyl)amino]butoxy]phenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1985:615278 CAPLUS

DN 103:215278

TI 2-Arylbzothiazoline derivatives and pharmaceutical compositions

containing them

IN Iwao, Junichi; Iso, Tadashi; Oya, Masayuki

PA Santen Pharmaceutical Co., Ltd., Japan

SO Ger. Offen., 20 pp.

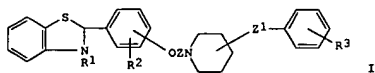
CODEN: GWOKBX

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 3446992	A1	19850704	DE 1984-3446992	19841221
JP 60139679	A2	19850724	JP 1983-251934	19831227
JP 05045587	B4	19930709		
US 4547513	A	19851015	US 1984-679466	19841207
GB 2152046	A1	19850731	GB 1984-32034	19841219
GB 2152046	B2	19870603		
ES 539066	A1	19860101	ES 1984-539066	19841226
FR 2557109	A1	19850628	FR 1984-19865	19841227
FR 2557109	B1	19870904		
PRAI JP 1983-251934	A	19831227		
OS CASREACT 103:215278; MARPAT 103:215278				
GI				



AB The title compds. I (R<sub>1</sub> = CHO, alkanoyl; R<sub>2</sub> = H, alkyl, alkoxy, NO<sub>2</sub>; R<sub>3</sub> = H, alkyl, alkoxy, halo; Z = alkylene; Z<sub>1</sub> = CO, COCH<sub>2</sub>, HOCH) were prepared. Thus, 1.53 g

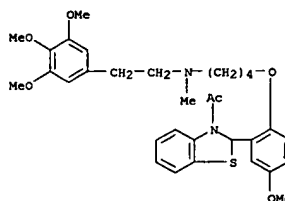
3-acetyl-2-[2-(4-bromobutoxy)-5-methoxyphenyl]benzothiazoline and 0.73 g 4-(4-fluorobenzoyl)piperidine were refluxed 1.5 h in EtOH containing Et<sub>3</sub>N to give 1.28 g II. II inhibited aggregation of blood platelets with an IC<sub>50</sub> of 3.2 × 10<sup>-7</sup>M.

IT 99320-43-1P 99320-44-2P 99320-47-5P  
99320-48-6P 99320-49-7P 99320-50-0P  
99320-51-1P 99320-52-2P 99320-53-3P  
99320-54-4P 99320-55-5P 99320-56-6P  
99320-57-7P

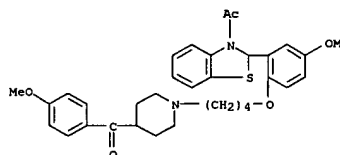
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as blood platelet aggregation inhibitor and calcium antagonist).

RN 99320-43-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[4-(4-methoxybenzoyl)-1-piperidinyl]butoxy]phenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

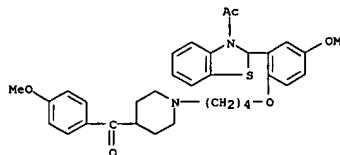


RN 99320-44-2 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[4-(4-methoxybenzoyl)-1-piperidinyl]butoxy]phenyl]-, ethanedioate (9CI) (CA INDEX NAME)

CM 1

CRN 99320-43-1

CMF C33 H38 N2 O5 S



CM 2

CRN 144-62-7

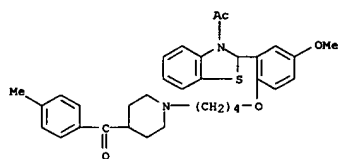
CMF C2 H2 O4



RN 99320-47-5 CAPLUS

CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[4-(4-methylbenzoyl)-1-piperidinyl]butoxy]phenyl]- (9CI) (CA INDEX NAME)

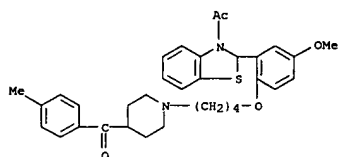
L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 99320-48-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(4-methylbenzoyl)-1-piperidinyl]butoxy]phenyl]-, (2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

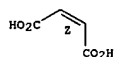
CRN 99320-47-5  
 CMF C33 H38 N2 O4 S



CM 2

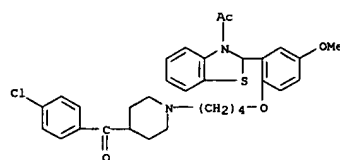
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 99320-49-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(4-chlorobenzoyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

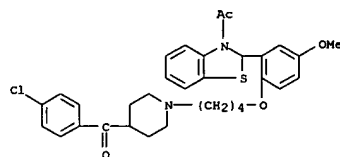
L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 99320-50-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(4-chlorobenzoyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

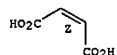
CRN 99320-49-7  
 CMF C32 H35 Cl N2 O4 S



CM 2

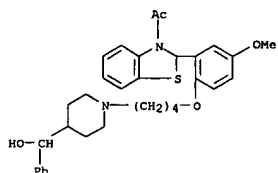
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 99320-51-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(hydroxyphenylmethyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

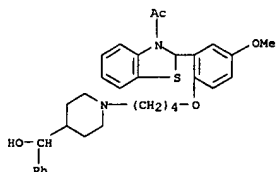
L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 99320-52-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(hydroxyphenylmethyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-, (2Z)-2-butenedioate (salt) (9CI) (CA INDEX NAME)

CM 1

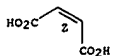
CRN 99320-51-1  
 CMF C32 H38 N2 O4 S



CM 2

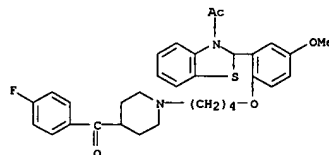
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 99320-53-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(4-fluorobenzoyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

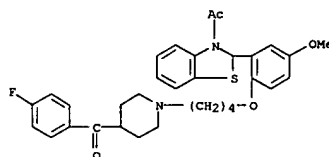
L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 99320-54-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[4-(4-fluorobenzoyl)-1-piperidinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

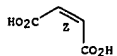
CRN 99320-53-3  
 CMF C32 H35 F N2 O4 S



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

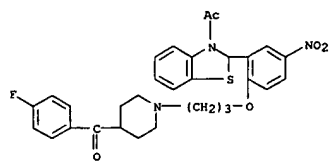
Double bond geometry as shown.



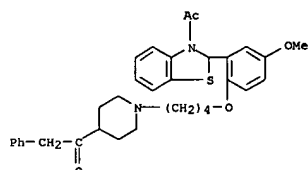
RN 99320-55-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[4-(4-fluorobenzoyl)-1-piperidinyl]propoxy]-5-nitrophenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 99320-56-6 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[(phenylacetyl)-1-  
 piperidinyl]butoxy]phenyl]- (9CI) (CA INDEX NAME)

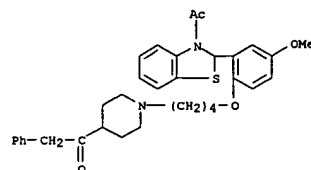


RN 99320-57-7 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[(phenylacetyl)-1-  
 piperidinyl]butoxy]phenyl]-, (2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

CRN 99320-56-6  
 CMF C33 H38 N2 O4 S

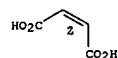
L4 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

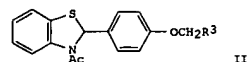
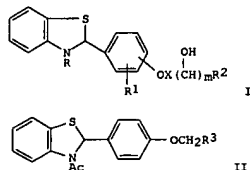
Double bond geometry as shown.



L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

RN 1985:6464 CAPLUS  
 DN 102:6464  
 TI Benzothiazolines  
 PA Santen Pharmaceutical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 62 pp.  
 CODEN: JKKXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59067276	A2	19840416	JP 1982-153289	19820901
JP	03005393	B4	19910125		
PRAI	JP 1982-153289		19820901		
GI					



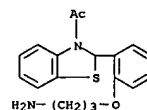
AB 128 Title compds. (I, R = alkanoyl; R1 = H, alkyl, alkoxy, HO, halo, nitro, etc.; R2 = halo, substituted amino, aminoalkyl; X = alkylene; m = 0, 1), useful as anticonvulsants, blood platelet aggregation inhibitors, vasodilators, etc. (no data), were prepared Thus, refluxing a mixture of 1.31

g the epoxypropoxy derivative II (R3 = epoxyethyl), 4.21 mL Me3CNH2, and 10 mL EtOH for 1 h gave, after treatment with HCl/AcOEt, 1.3 g II (R3 = Me3CNHCH2CHOH).

IT 86135-01-5P 86135-03-7P 86135-04-8P  
 86135-05-9P 86135-07-1P 86135-09-3P  
 86135-11-7P 86135-12-8P 86135-13-9P  
 86135-14-0P 86135-15-1P 86135-17-3P  
 86135-20-8P 86135-26-4P 86135-28-6P  
 86135-31-1P 86135-32-2P 86135-33-3P  
 86135-35-5P 86135-39-9P 86135-41-3P  
 86135-43-5P 86135-45-7P 86135-48-0P  
 86135-51-5P 86135-53-7P 86135-54-8P  
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 86135-65-1P 86135-66-2P 86135-67-3P  
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 86135-72-0P 86135-74-2P 86135-76-4P  
 86135-78-6P 86135-80-0P 86135-83-3P  
 86135-87-7P 86135-89-9P 86135-92-4P  
 86135-98-0P 86136-00-7P 86136-04-1P  
 86136-06-3P 86136-08-5P 86136-12-1P  
 86136-15-4P 86136-16-5P 86136-18-7P

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

86136-22-3P 86136-24-5P 86136-26-7P  
 86136-27-8P 86136-30-3P 86136-31-4P  
 86136-33-6P 86136-35-8P 86136-37-0P  
 86136-39-2P 86136-41-6P 86136-44-9P  
 86136-46-1P 86136-47-2P 86136-72-3P  
 93264-73-4P 93264-74-5P 93264-75-6P  
 93264-76-7P 93264-77-8P 93264-78-9P  
 93264-80-3P 93264-82-5P 93264-83-6P  
 93265-07-7P 93265-08-8P 93265-09-9P  
 93265-10-2P 93265-12-4P 93265-13-5P  
 93265-14-6P 93265-16-8P 93265-17-9P  
 93265-19-1P 93265-21-5P 93265-23-7P  
 93265-25-9P 93265-26-0P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 86135-01-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-(3-aminopropoxy)phenyl]-2,3-dihydro-,  
 monohydrochloride (9CI) (CA INDEX NAME)

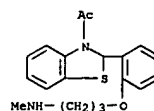


● HCl

RN 86135-03-7 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2,3-dihydro-2-[2-[3-(methylamino)propoxy]phenyl]-,  
 (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-02-6  
 CMF C19 H22 N2 O2 S

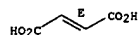


CM 2

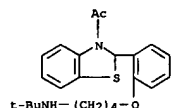
CRN 110-17-8  
 CMF C4 H4 O4

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Double bond geometry as shown.

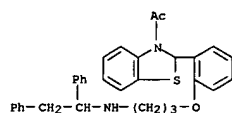


RN 86135-04-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-{4-[(1,1-dimethylethyl)amino]butoxy}phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

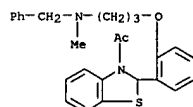
RN 86135-05-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[(1,2-diphenylethyl)amino]propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-07-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[2-(dimethylamino)ethoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

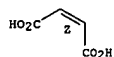
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



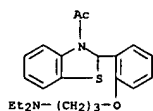
CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



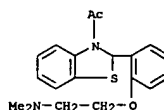
RN 86135-12-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(diethylamino)propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

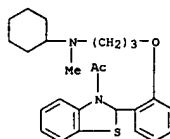
RN 86135-13-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(diethylamino)butoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 86135-09-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



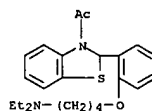
● HCl

RN 86135-11-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[methyl(phenylmethyl)amino]propoxy]phenyl]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

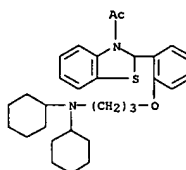
CRN 86135-10-6  
 CMF C26 H28 N2 O2 S

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



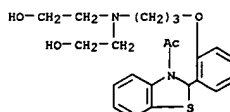
● HCl

RN 86135-14-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dicyclohexylamino)propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

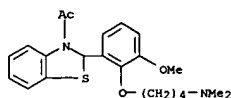
RN 86135-15-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[bis(2-hydroxyethyl)amino]propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

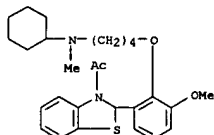
RN 86135-17-3 CAPLUS

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(dimethylamino)butoxy]-3-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-20-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-3-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

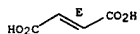
RN 86135-26-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

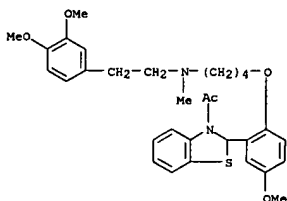
CRN 86135-25-3  
 CMF C27 H36 N2 O3 S

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CMF C4 H4 O4

Double bond geometry as shown.

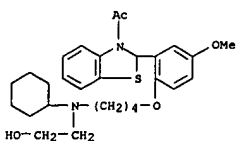


RN 86135-31-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[[2-(3,4-dimethoxyphenyl)ethyl]methylamino]butoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

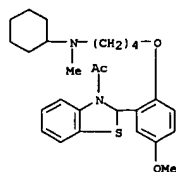
RN 86135-32-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexyl(2-hydroxyethyl)amino)butoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-33-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexyl[2-(3,4-

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

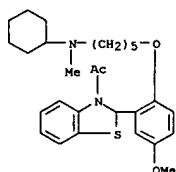
CRN 144-62-7  
 CMF C2 H2 O4



RN 86135-28-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[[5-(cyclohexylmethylamino)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

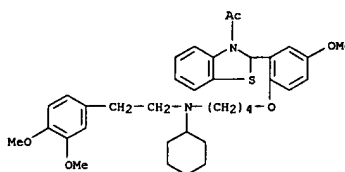
CRN 86135-27-5  
 CMF C28 H38 N2 O3 S



CM 2

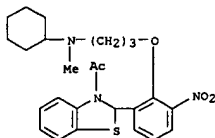
CRN 110-17-8

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 dimethoxyphenyl]ethyl]amino]butoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-35-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-3-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



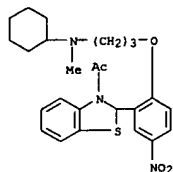
● HCl

RN 86135-39-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-38-8  
 CMF C25 H31 N3 O4 S

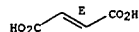
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

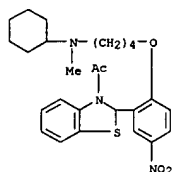
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86135-41-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{4-(cyclohexylmethylamino)butoxy}-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

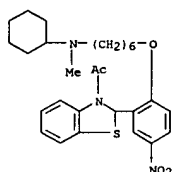
CM 1

CRN 86135-40-2  
CMF C26 H33 N3 O4 S

CM 2

CRN 110-17-8

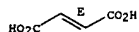
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

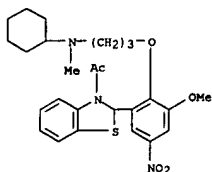
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86135-48-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{3-(cyclohexylmethylamino)propoxy}-3-methoxy-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-47-9  
CMF C26 H33 N3 O5 S

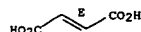
CM 2

CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

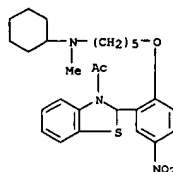
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Double bond geometry as shown.



RN 86135-43-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{[5-(cyclohexylmethylamino)pentyl]oxy}-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

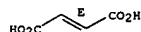
CM 1

CRN 86135-42-4  
CMF C27 H35 N3 O4 S

CM 2

CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

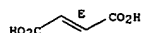


RN 86135-45-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{[6-(cyclohexylmethylamino)hexyl]oxy}-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

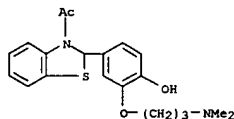
CM 1

CRN 86135-44-6  
CMF C28 H37 N3 O4 S

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

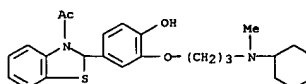


RN 86135-51-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-{3-(dimethylamino)propoxy}-4-hydroxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86135-53-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-{3-(cyclohexylmethylamino)propoxy}-4-hydroxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

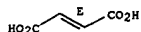
CM 1

CRN 86135-52-6  
CMF C25 H32 N2 O3 S

CM 2

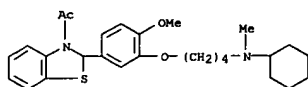
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



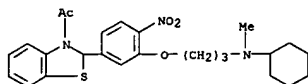
RN 86135-54-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-{4-(cyclohexylmethylamino)butoxy}-4-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



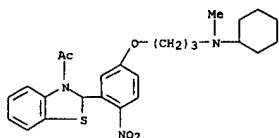
● HCl

RN 86135-55-9 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[3-{3-(cyclohexylmethylamino)propoxy}-4-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-56-0 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[5-{3-(cyclohexylmethylamino)propoxy}-2-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

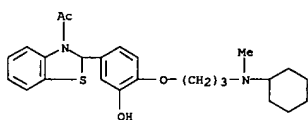


● HCl

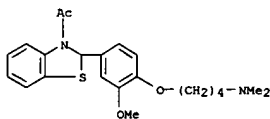
RN 86135-59-3 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{4-(dimethylamino)butoxy}phenyl]-2,3-dihydro-

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 86135-63-9 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{3-(cyclohexylmethylamino)propoxy}-3-hydroxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

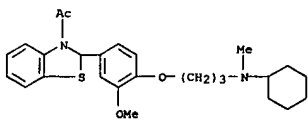


RN 86135-65-1 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{4-(dimethylamino)butoxy}-3-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

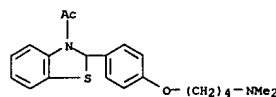
RN 86135-66-2 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{3-(cyclohexylmethylamino)propoxy}-3-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

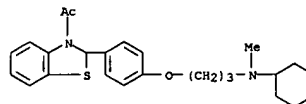
RN 86135-67-3 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{4-(cyclohexylmethylamino)butoxy}-3-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



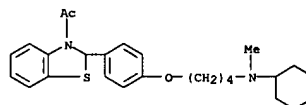
● HCl

RN 86135-60-6 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{3-(cyclohexylmethylamino)propoxy}phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



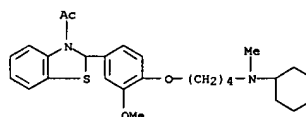
● HCl

RN 86135-61-7 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{4-(cyclohexylmethylamino)butoxy}phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



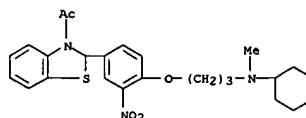
● HCl

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



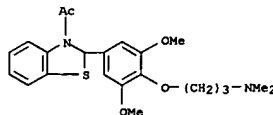
● HCl

RN 86135-68-4 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{3-(cyclohexylmethylamino)propoxy}-3-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

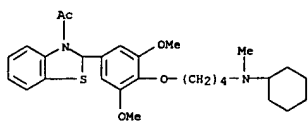
RN 86135-69-5 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{3-(dimethylamino)propoxy}-3,5-dimethoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

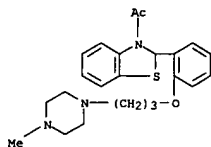
RN 86135-71-9 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-{4-(cyclohexylmethylamino)butoxy}-3,5-dimethoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 86135-72-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(4-methyl-1-piperazinyl)propoxy]phenyl]-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

RN 86135-74-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[2-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]ethoxy]phenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

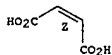
CRN 86135-73-1  
 CMF C31 H37 N3 O4 S

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

CRN 110-16-7  
 CMF C4 H4 O4

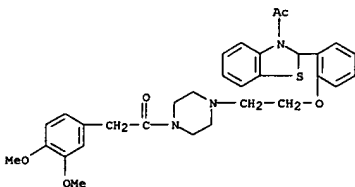
Double bond geometry as shown.



RN 86135-78-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[2-[4-[(3,4-dimethoxyphenyl)acetyl]-1-piperazinyl]ethoxy]phenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

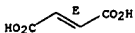
CRN 86135-77-5  
 CMF C31 H35 N3 O5 S



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.

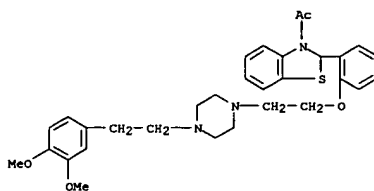


RN 86135-80-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[(3,4-dimethoxyphenyl)acetyl]-1-piperazinyl]propoxy]phenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-79-7

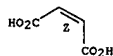
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

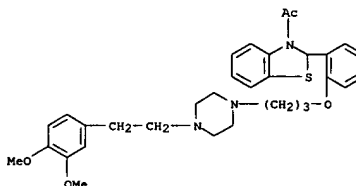
Double bond geometry as shown.



RN 86135-76-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]propoxy]phenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

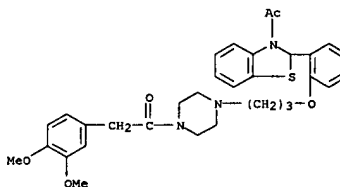
CM 1

CRN 86135-75-3  
 CMF C32 H39 N3 O4 S



L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

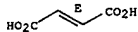
CMF C32 H37 N3 O5 S



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

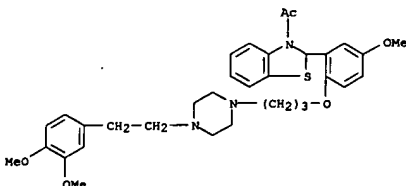
Double bond geometry as shown.



RN 86135-83-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-82-2  
 CMF C33 H41 N3 O5 S

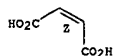


CM 2

CRN 110-16-7

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CMF C4 H4 O4

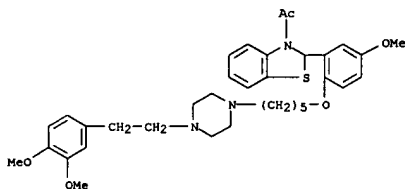
Double bond geometry as shown.



RN 86135-87-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[[5-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

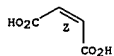
CRN 86135-86-6  
CMF C35 H45 N3 O5 S



CM 2

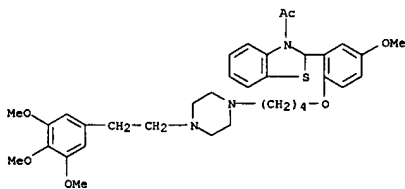
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86135-89-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[[6-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]hexyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

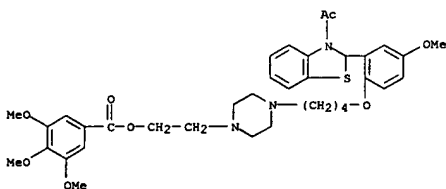


● 2 HCl

RN 86135-98-0 CAPLUS  
CN Benzoic acid, 3,4,5-trimethoxy-, 2-[[4-[4-[2-(3-acetyl-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]butyl]-1-piperazinyl]ethyl] ester, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

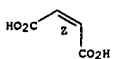
CRN 86135-97-9  
CMF C36 H45 N3 O8 S



CM 2

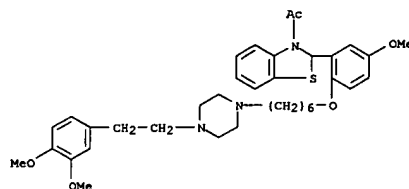
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CM 1

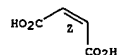
CRN 86135-88-8  
CMF C36 H47 N3 O5 S



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



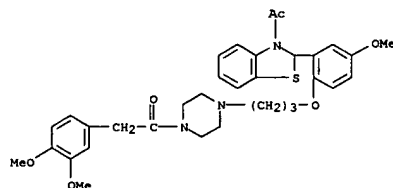
RN 86135-92-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]-, dihydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 86136-00-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[[2-[[4-[[3-(4-dimethoxyphenyl)acetyl]-1-piperazinyl]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

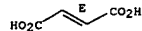
CRN 86135-99-1  
CMF C33 H39 N3 O6 S



CM 2

CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

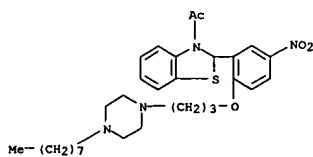


RN 86136-04-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-[3-(4-octyl-1-piperazinyl)propoxy]phenyl]-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-03-0  
CMF C30 H42 N4 O4 S

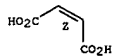
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

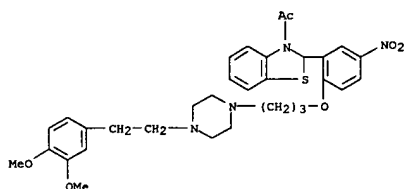
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



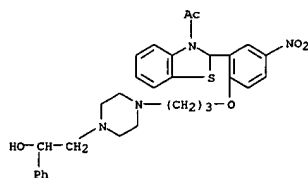
RN 86136-06-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[4-(2-(3,4-dimethoxyphenyl)ethyl)-1-piperazinyl]propoxy]-5-nitrophenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-05-2  
CMF C32 H38 N4 O6 S

CM 2

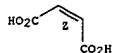
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 86136-11-0  
CMF C30 H34 N4 O5 S

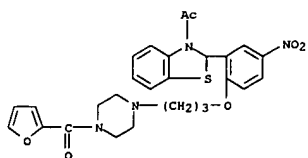
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86136-15-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[4-(2-(2-furanylcarbonyl)-1-piperazinyl]propoxy]-3-methoxy-5-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



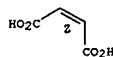
● HCl

RN 86136-16-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[4-(2-(3,4-dimethoxyphenyl)ethyl)-1-piperazinyl]propoxy]-3-methoxy-5-nitrophenyl]-2,3-dihydro-, dihydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

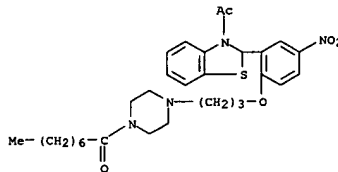
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86136-08-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-[3-[4-(1-oxooctyl)-1-piperazinyl]propoxy]phenyl]-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-07-4  
CMF C30 H40 N4 O5 S

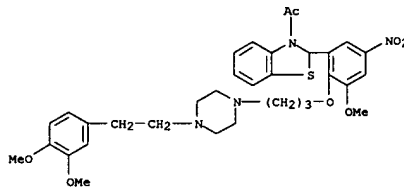
CM 2

CRN 144-62-7  
CMF C2 H2 O4

RN 86136-12-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[4-(2-hydroxy-2-phenylethyl)-1-piperazinyl]propoxy]-5-nitrophenyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

CM 1

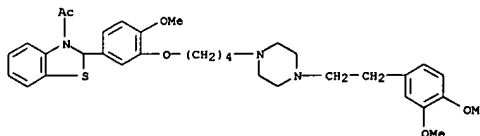
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● 2 HCl

RN 86136-18-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-[4-[4-(2-(3,4-dimethoxyphenyl)ethyl)-1-piperazinyl]butoxy]-4-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

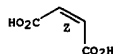
CM 1

CRN 86136-17-6  
CMF C34 H43 N3 O5 S

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

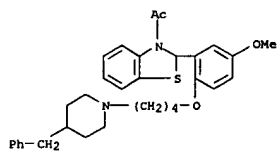


RN 86136-22-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[4-[3-[4-(2-(3,4-dimethoxyphenyl)ethyl)-1-piperazinyl]propoxy]-3-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate





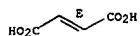
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

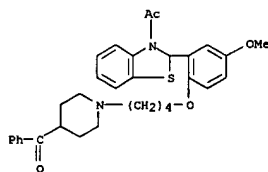
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86136-37-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-(4-(4-benzoyl-1-piperidinyl)butoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

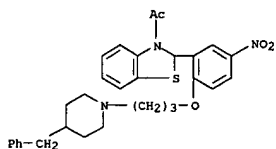
CM 1

CRN 86136-36-9  
CMF C32 H36 N2 O4 S

CM 2

CRN 144-62-7  
CMF C2 H2 O4

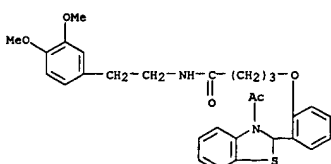
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 144-62-7  
CMF C2 H2 O4

RN 86136-44-9 CAPLUS  
CN Butanamide, 4-[2-(3-acetyl-2,3-dihydro-2-benzothiazolyl)phenoxy]-N-(2-(3,4-dimethoxyphenyl)ethyl)- (9CI) (CA INDEX NAME)



RN 86136-46-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-(4-(4-methyl-1-piperazinyl)-4-oxobutoxy)phenyl]-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

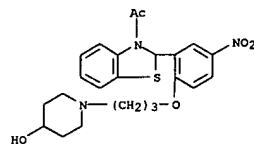
CRN 86136-45-0  
CMF C24 H29 N3 O3 S

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 86136-39-2 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-(4-hydroxy-1-piperidinyl)propoxy]-5-nitrophenyl]-, ethanedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-38-1  
CMF C23 H27 N3 O5 S

CM 2

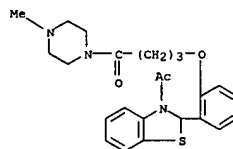
CRN 144-62-7  
CMF C2 H2 O4

RN 86136-41-6 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-[3-(4-(phenylmethyl)-1-piperidinyl)propoxy]phenyl]-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-40-5  
CMF C30 H33 N3 O4 S

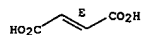
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



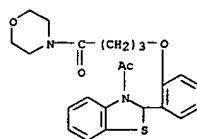
CM 2

CRN 110-17-8  
CMF C4 H4 O4

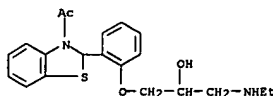
Double bond geometry as shown.



RN 86136-47-2 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-(4-(4-morpholinyl)-4-oxobutoxy)phenyl]- (9CI) (CA INDEX NAME)



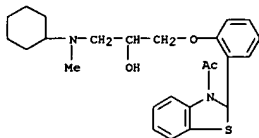
RN 93264-72-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(ethylamino)-2-hydroxypropoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

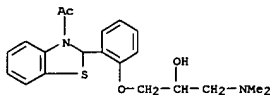
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 93264-73-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)-2-hydroxypropoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

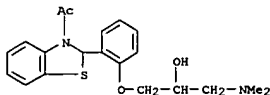


● HCl

RN 93264-74-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)-2-hydroxypropoxy]phenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



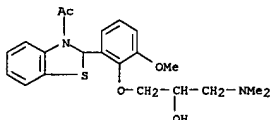
RN 93264-75-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)-2-hydroxypropoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 93264-76-7 CAPLUS

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

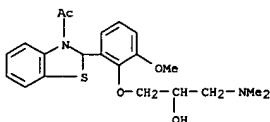


● HCl

RN 93264-80-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)-2-hydroxypropoxy]-3-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

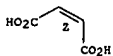
CRN 93264-79-0  
 CMF C21 H26 N2 O4 S



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 93264-82-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)-2-hydroxypropoxy]-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

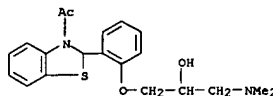
CM 1

CRN 93264-81-4

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)-2-hydroxypropoxy]phenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

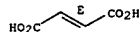
CRN 93264-74-5  
 CMF C20 H24 N2 O3 S



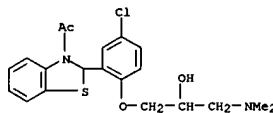
CM 2

CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.



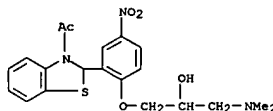
RN 93264-77-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[5-chloro-2-[3-(dimethylamino)-2-hydroxypropoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 93264-78-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)-2-hydroxypropoxy]-3-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

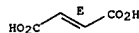
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CMF C20 H23 N3 O5 S



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

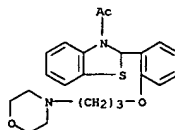
Double bond geometry as shown.



RN 93264-83-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-(4-morpholinyl)propoxy]phenyl]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

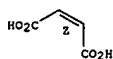
CRN 86136-31-4  
 CMF C22 H26 N2 O3 S



CM 2

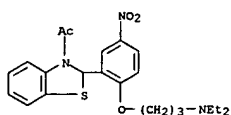
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



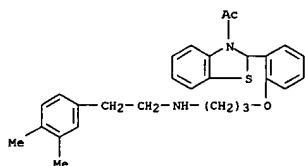
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 93265-07-7 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(diethylamino)propoxy]-5-nitrophenyl]-2,3-  
 dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 93265-08-8 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-[[2-[(3,4-dimethylphenyl)ethyl]amino]propox  
 y]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 93265-09-9 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-  
 dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

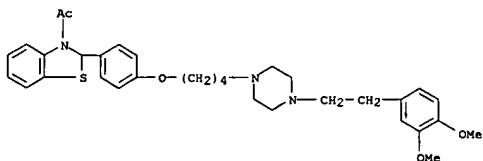
CM 1  
 CRN 86136-58-5  
 CMF C25 H32 N2 O2 S

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



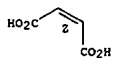
RN 93265-12-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[4-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-  
 piperazinyl]butoxy]phenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI)  
 (CA INDEX NAME)

CM 1  
 CRN 93265-11-3  
 CMF C33 H41 N3 O4 S



CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

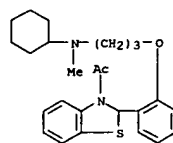
Double bond geometry as shown.



RN 93265-13-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-  
 piperazinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate  
 (1:2) (9CI) (CA INDEX NAME)

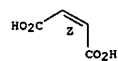
CM 1  
 CRN 86135-84-4  
 CMF C34 H43 N3 O5 S

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



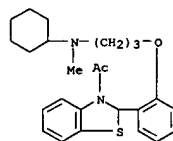
CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



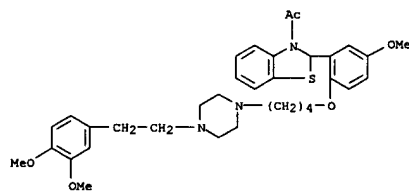
RN 93265-10-2 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-  
 dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1  
 CRN 86136-58-5  
 CMF C25 H32 N2 O2 S



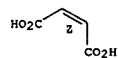
CM 2  
 CRN 144-62-7  
 CMF C2 H2 O4

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



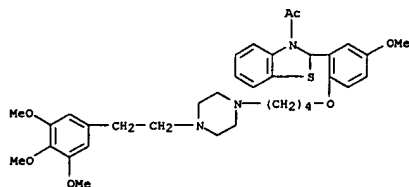
CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 93265-14-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[4-[2-(3,4,5-  
 trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]-,  
 (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

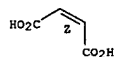
CM 1  
 CRN 86136-61-0  
 CMF C35 H45 N3 O6 S



CM 2

L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CRN 110-16-7  
 CMF C4 H4 O4

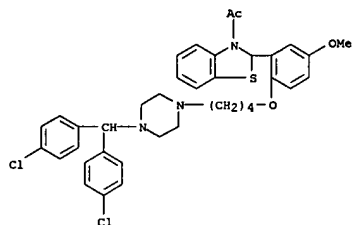
Double bond geometry as shown.



RN 93265-16-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[bis(4-chlorophenyl)methyl]-1-piperazinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

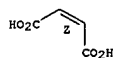
CRN 93265-15-7  
 CMF C37 H39 Cl2 N3 O3 S



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

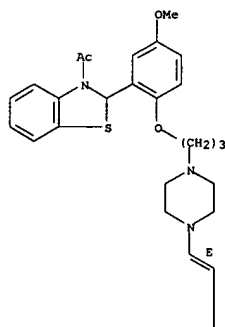


RN 93265-17-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)ethenyl]-1-

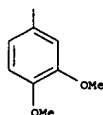
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CM 1

CRN 93265-18-0  
 CMF C33 H39 N3 O5 S

Double bond geometry as shown.



PAGE 1-A



CM 2

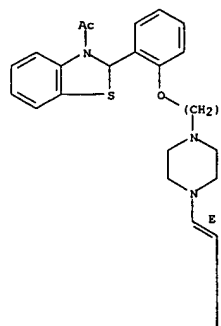
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

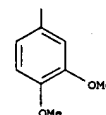
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 piperazinyl]propoxy]phenyl]-2,3-dihydro-, monohydrochloride, (E)- (9CI)  
 (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A



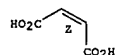
PAGE 2-A



● HCl

RN 93265-19-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)ethenyl]-1-piperazinyl]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

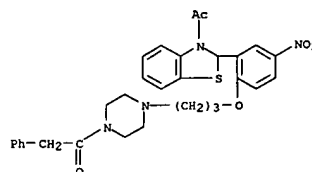
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 93265-21-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-[3-[4-(phenylacetyl)-1-piperazinyl]propoxy]phenyl]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

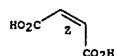
CRN 93265-20-4  
 CMF C30 H32 N4 O5 S



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

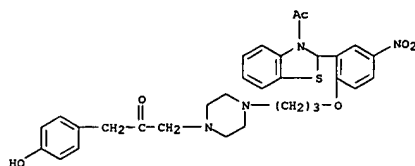


RN 93265-23-7 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[4-[3-(4-hydroxyphenyl)-2-oxopropyl]-1-piperazinyl]propoxy]-5-nitrophenyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 93265-22-6  
 CMF C31 H34 N4 O6 S

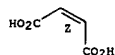
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

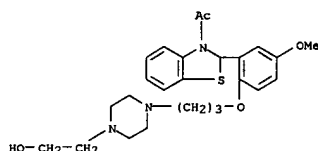
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 93265-25-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[4-(2-hydroxyethyl)-1-piperazinyl]propoxy]-5-methoxyphenyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 93265-24-8  
CMF C25 H33 N3 O4 S

CM 2

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

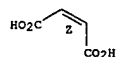
AN 1983:422453 CAPLUS  
DN 99:22453  
TI Benzothiazoline compounds  
PA Santen Pharmaceutical Co., Ltd., Japan  
SO Belg., 59 pp.  
CODEN: BEXXAL  
DT Patent  
LA French  
FAN, CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 894358	A1	19830103	BE 1982-59831	19820910
	JP 58046079	A2	19830317	JP 1981-144148	19810912
	WO 8300865	A1	19830317	WO 1982-JP363	19820910
	W: AT, AU, CH, DE, DK, FI, GB, NL, NO, SE, US				
	AU 8289026	A1	19830328	AU 1982-89026	19820910
	AU 541223	B2	19841220		
	NL 8220310	A	19830801	NL 1982-20310	19820910
	GB 2115815	A1	19830914	GB 1983-11096	19820910
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	ES 515655	A1	19830916	ES 1982-515655	19820910
	DE 3248957	T	19831020	DE 1982-3248957	19820910
	DE 3248957	C2	19890921		
	CA 1169860	A1	19840626	CA 1982-411159	19820910
	AT 8209048	A	19850615	AT 1982-9048	19820910
	AT 379592	B	19860127		
	CH 654001	A	19860131	CH 1983-2716	19820910
	FR 2512820	A1	19830318	FR 1982-15454	19820913
	FR 2512820	B1	19861121		
	US 4479949	A	19841030	US 1983-503160	19830414
	SE 8302352	A	19830426	SE 1983-2352	19830426
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	DK 164403	B	19920622		
	DK 164403	C	19921116		
	ES 522386	A1	19840816	ES 1983-522386	19830513
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	US 4558125	A	19851210	US 1984-612323	19840521
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	WO 1982-JP363	A	19820910		
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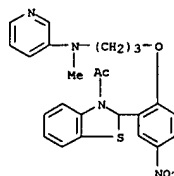
L4 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 110-16-7  
CMF C4 H4 O4

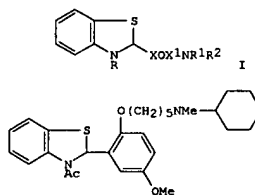
Double bond geometry as shown.



RN 93265-26-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-(methyl-3-pyridinylamino)propoxy]-5-nitrophenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

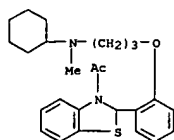


AB Benzothiazolines I (R = acyl; NR1R2 = amino; X = phenylene; X1 = alkylene, hydroxyalkylene) (100 compds.) were prepared. Thus II was obtained in 70% yield by aminating the bromopentylalkoxy analog. II had a blood platelet aggregation-inhibiting ED50 of  $1.3 \times 10^{-6}$  M in vitro. I are also Ca blockers.

IT 86135-09-3P 86135-28-6P 86135-30-0P  
86135-39-9P 86135-70-8P 86135-71-9P  
86136-41-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and blood platelet aggregation-inhibiting activity of)

RN 86135-09-3 CAPLUS  
CN Benzothiazole,  
3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



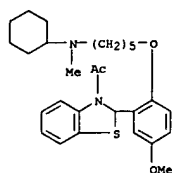
● HCl

RN 86135-28-6 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[5-(cyclohexylmethylamino)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-27-5  
CMF C28 H38 N2 O3 S

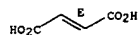
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



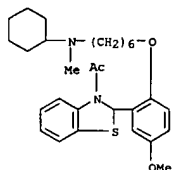
CM 2

CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

RN 86135-30-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[[6-(cyclohexylmethylamino)hexyl]oxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

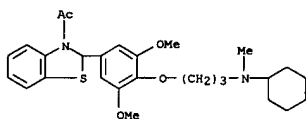
CM 1

CRN 86135-29-7  
CMF C29 H40 N2 O3 S

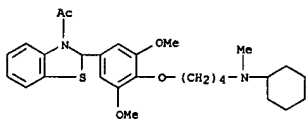
CM 2

CRN 144-62-7

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



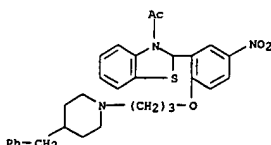
● HCl

RN 86135-71-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[4-[(4-(cyclohexylmethylamino)butoxy]-3,5-dimethoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 86136-41-6 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-[3-[(4-(phenylmethyl)-1-piperidinyl]propoxy]phenyl]-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-40-5  
CMF C30 H33 N3 O4 S

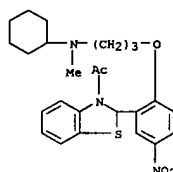
CM 2

CRN 144-62-7

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 86135-39-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

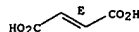
CM 1

CRN 86135-38-8  
CMF C25 H31 N3 O4 S

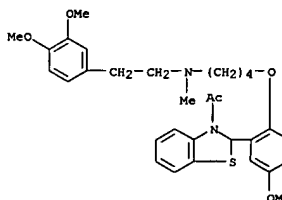
CM 2

CRN 110-17-8  
CMF C4 H4 O4

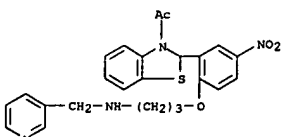
Double bond geometry as shown.

RN 86135-70-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[4-[3-(cyclohexylmethylamino)propoxy]-3,5-dimethoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

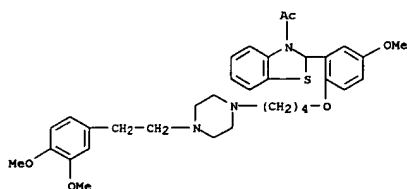
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

IT 86135-31-1P 86135-46-8P 86135-84-4P  
86135-85-5P 86135-92-4P 86136-04-1P  
86136-61-0PRL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and calcium blocking activity of)RN 86135-31-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-[[2-(3,4-dimethoxyphenyl)ethyl]methylamino]butoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 86135-46-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-[3-[(3-pyridinyl)methylamino]propoxy]phenyl]-, ethanedioate (1:1) (9CI) (CA INDEX NAME)RN 86135-84-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-

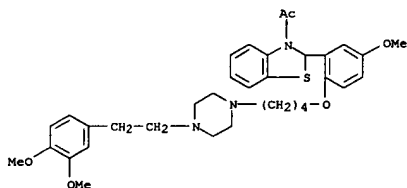
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
piperazinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86135-85-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

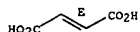
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CMF C34 H43 N3 O5 S



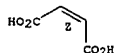
CM 2

CRN 110-17-8  
CMF C4 H4 O4

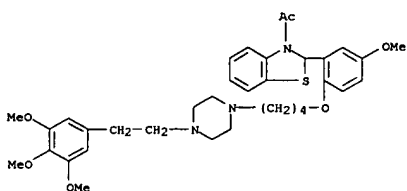
Double bond geometry as shown.



L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

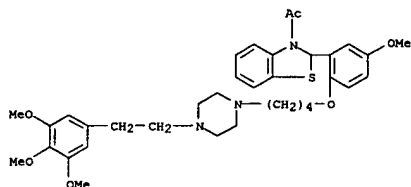


RN 86136-61-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]- (9CI) (CA INDEX NAME)



IT 86135-01-5P 86135-03-7P 86135-04-8P  
86135-05-9P 86135-06-0P 86135-07-1P  
86135-08-2P 86135-11-7P 86135-12-8P  
86135-13-9P 86135-14-0P 86135-15-1P  
86135-16-2P 86135-17-3P 86135-19-5P  
86135-20-6P 86135-22-0P 86135-24-2P  
86135-26-4P 86135-27-5P 86135-29-7P  
86135-32-2P 86135-33-3P 86135-34-4P  
86135-35-5P 86135-37-7P 86135-38-8P  
86135-41-3P 86135-43-5P 86135-45-7P  
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86136-37-0P 86136-39-2P 86136-40-5P  
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86136-57-4P 86136-58-5P 86136-59-6P  
86136-60-9P 86136-62-1P

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
86135-92-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]phenyl]-, dihydrochloride (9CI) (CA INDEX NAME)

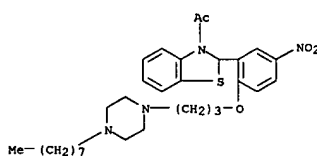


● 2 HCl

RN 86136-04-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-[3-(4-octyl-1-piperazinyl)propoxy]phenyl]-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-03-0  
CMF C30 H42 N4 O4 S

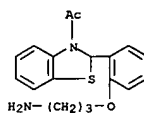


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
RL: SYN (Synthetic preparation); PREP (Preparation) (prepn. of)  
RN 86135-01-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-(3-aminopropoxy)phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

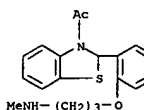


● HCl

RN 86135-03-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-(methylamino)propoxy]phenyl]-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

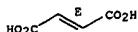
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CMF C19 H22 N2 O2 S



CM 2

CRN 110-17-8  
CMF C4 H4 O4

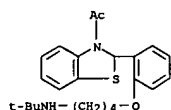
Double bond geometry as shown.



RN 86135-04-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-[(1,1-dimethylethyl)amino]butoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

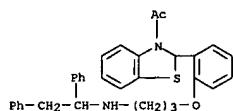


L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 86135-05-9 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[(1,2-diphenylethyl)amino]propoxy]phenyl]-  
 2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



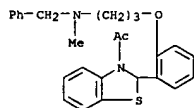
● HCl

RN 86135-06-0 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-[(3,4-dimethoxyphenyl)ethyl]amino]propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-[(methyl(phenylmethyl)amino]propoxy]phenyl]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

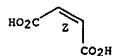
CRN 86135-10-6  
 CMF C26 H28 N2 O2 S



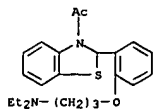
CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



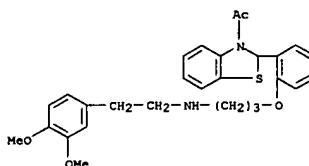
RN 86135-12-8 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(diethylamino)propoxy]phenyl]-2,3-dihydro-,  
 monohydrochloride (9CI) (CA INDEX NAME)



● HCl

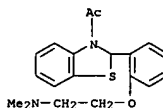
RN 86135-13-9 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[4-(diethylamino)butoxy]phenyl]-2,3-dihydro-,  
 monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



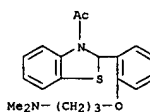
● HCl

RN 86135-07-1 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[2-(dimethylamino)ethoxy]phenyl]-2,3-dihydro-,  
 monohydrochloride (9CI) (CA INDEX NAME)



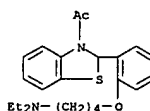
● HCl

RN 86135-08-2 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro-,  
 monohydrochloride (9CI) (CA INDEX NAME)



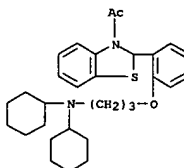
RN 86135-11-7 CAPLUS

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



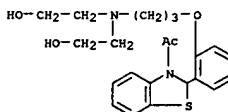
● HCl

RN 86135-14-0 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(dicyclohexylamino)propoxy]phenyl]-2,3-dihydro-,  
 monohydrochloride (9CI) (CA INDEX NAME)



● HCl

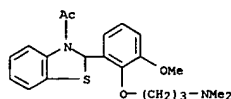
RN 86135-15-1 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-[bis(2-hydroxyethyl)amino]propoxy]phenyl]-2,3-dihydro-,  
 monohydrochloride (9CI) (CA INDEX NAME)



● HCl

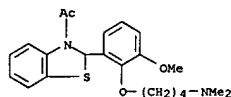
RN 86135-16-2 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-3-methoxyphenyl]-  
 2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-17-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-(dimethylamino)butoxy]-3-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

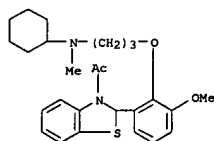


● HCl

RN 86135-19-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-3-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-18-4  
CMF C26 H34 N2 O3 S

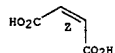


L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

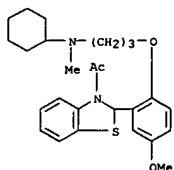
Double bond geometry as shown.



RN 86135-24-2 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-23-1  
CMF C26 H34 N2 O3 S



CM 2

CRN 144-62-7  
CMF C2 H2 O4



RN 86135-26-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

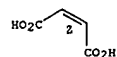
CRN 86135-25-3  
CMF C27 H36 N2 O3 S

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

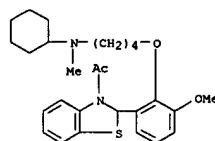
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86135-20-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-3-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

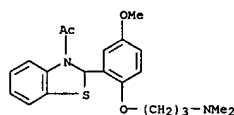


● HCl

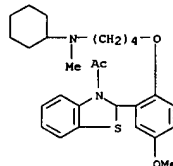
RN 86135-22-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-21-9  
CMF C21 H26 N2 O3 S



L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

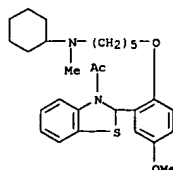


CM 2

CRN 144-62-7  
CMF C2 H2 O4

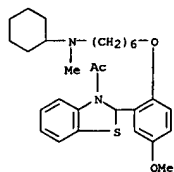


RN 86135-27-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[5-(cyclohexylmethylamino)pentyl]oxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

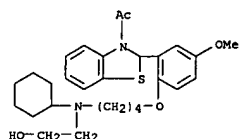


RN 86135-29-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[6-(cyclohexylmethylamino)hexyl]oxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



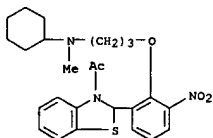
RN 86135-32-2 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[4-(cyclohexyl(2-hydroxyethyl)amino)butoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-33-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexyl(2-(3,4-dimethoxyphenyl)ethyl)amino)butoxy]-5-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

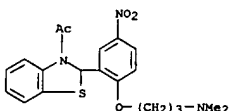


● HCl

RN 86135-37-7 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[2-[3-(dimethylamino)propoxy]-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

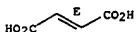
CRN 86135-36-6  
 CMF C20 H23 N3 O4 S



CM 2

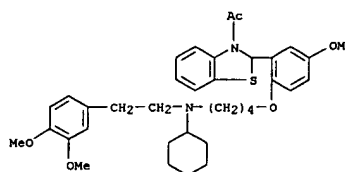
CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.



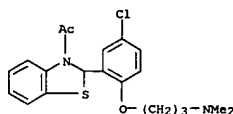
RN 86135-38-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-5-nitrophenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

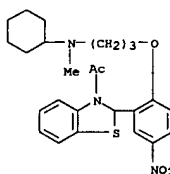
RN 86135-34-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[5-chloro-2-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-35-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-3-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

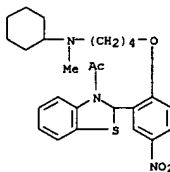
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 86135-41-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(cyclohexylmethylamino)butoxy]-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

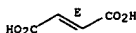
CRN 86135-40-2  
 CMF C26 H33 N3 O4 S



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.

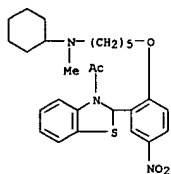


RN 86135-43-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[5-(cyclohexylmethylamino)pentyl]oxy]-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

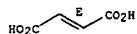
CRN 86135-42-4

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CMF C27 H35 N3 O4 S



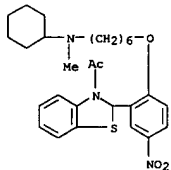
CM 2  
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



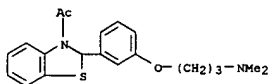
RN 86135-45-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[[6-(cyclohexylmethylamino)hexyl]oxy]-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1  
CRN 86135-44-6  
CMF C28 H37 N3 O4 S



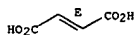
CM 2

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CMF C20 H24 N2 O2 S

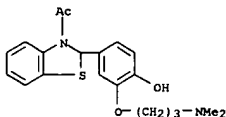


CM 2  
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

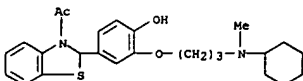


RN 86135-51-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-[3-(dimethylamino)propoxy]-4-hydroxyphenyl]-2,3-dihydro-, (9CI) (CA INDEX NAME)



RN 86135-53-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-[3-(cyclohexylmethylamino)propoxy]-4-hydroxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1  
CRN 86135-52-6  
CMF C25 H32 N2 O3 S

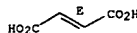


CM 2

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

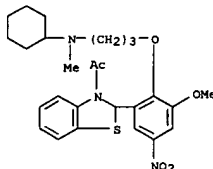
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.



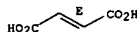
RN 86135-48-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]-3-methoxy-5-nitrophenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1  
CRN 86135-47-9  
CMF C26 H33 N3 O5 S



CM 2  
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

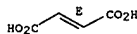


RN 86135-50-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-[3-(dimethylamino)propoxy]phenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

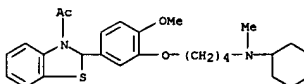
CM 1  
CRN 86135-49-1

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

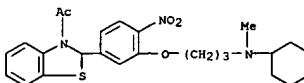


RN 86135-54-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-[4-(cyclohexylmethylamino)butoxy]-4-methoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

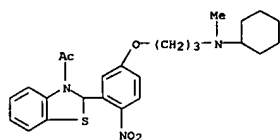
RN 86135-55-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-[3-(cyclohexylmethylamino)propoxy]-4-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

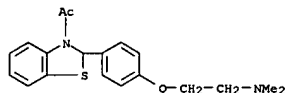
RN 86135-56-0 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[5-[3-(cyclohexylmethylamino)propoxy]-2-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



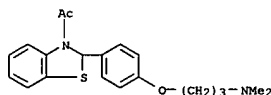
● HCl

RN 86135-57-1 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[4-{2-[(dimethylamino)ethoxy]phenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-58-2 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[4-{3-[(dimethylamino)propoxy]phenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)

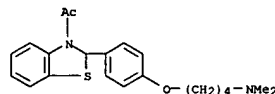


● HCl

RN 86135-59-3 CAPLUS

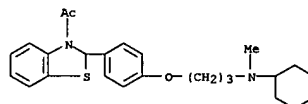
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CN Benzothiazole,  
 3-acetyl-2-[4-{4-[(dimethylamino)butoxy]phenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

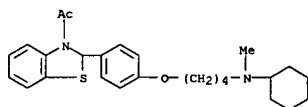
RN 86135-60-6 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[4-{3-[(cyclohexylmethylamino)propoxy]phenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

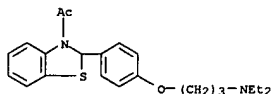
RN 86135-61-7 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[4-{4-[(cyclohexylmethylamino)butoxy]phenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



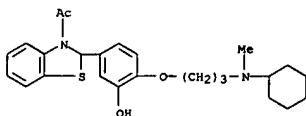
● HCl

RN 86135-62-8 CAPLUS  
 CN Benzothiazole,  
 3-acetyl-2-[4-{3-[(diethylamino)propoxy]phenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)



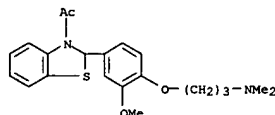
● HCl

RN 86135-63-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[4-{3-[(cyclohexylmethylamino)propoxy]-3-hydroxyphenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)



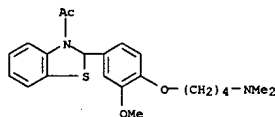
RN 86135-64-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[4-{3-[(dimethylamino)propoxy]-3-methoxyphenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



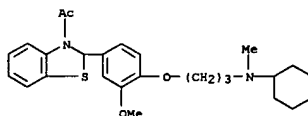
● HCl

RN 86135-65-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[4-{4-[(dimethylamino)butoxy]-3-methoxyphenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

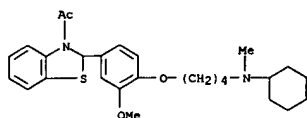
RN 86135-66-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[4-{3-[(cyclohexylmethylamino)propoxy]-3-methoxyphenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

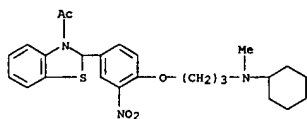
RN 86135-67-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[4-{4-[(cyclohexylmethylamino)butoxy]-3-methoxyphenyl}-2,3-dihydro-1H-benzothiazol-5-yl]phenyl-2,3-dihydro-1H-benzothiazole, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



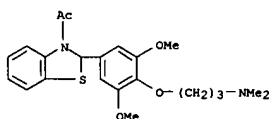
● HCl

RN 86135-68-4 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-[3-(cyclohexylmethylamino)propoxy]-3-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

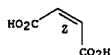
RN 86135-69-5 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[4-[3-(dimethylamino)propoxy]-3,5-dimethoxyphenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86135-72-0 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[3-(4-methyl-1-

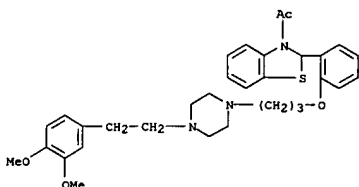
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 86135-76-4 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]propoxy]phenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

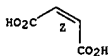
CRN 86135-75-3  
 CMF C32 H39 N3 O4 S



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

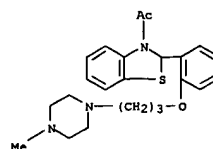


RN 86135-78-6 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)acetyl]-1-piperazinyl]ethoxy]phenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-77-5  
 CMF C31 H35 N3 O5 S

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued) (CA INDEX NAME)

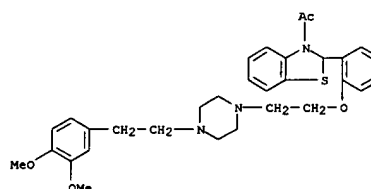


● 2 HCl

RN 86135-74-2 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]ethoxy]phenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-73-1  
 CMF C31 H37 N3 O4 S

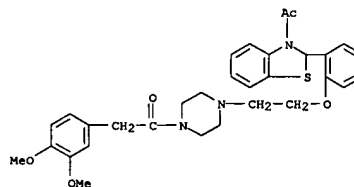


CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

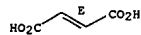
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

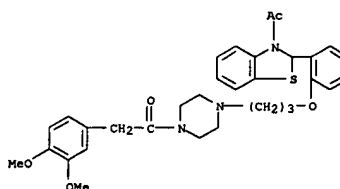
Double bond geometry as shown.



RN 86135-80-0 CAPLUS  
 CN Benzo[1,2-b:4,5-b']dithiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)acetyl]-1-piperazinyl]propoxy]phenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

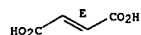
CRN 86135-79-7  
 CMF C32 H37 N3 O5 S



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

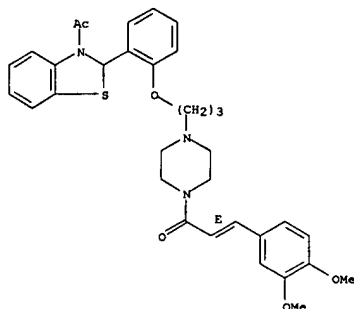
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
Double bond geometry as shown.



RN 86135-81-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[4-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]-1-piperazinyl]propoxy]phenyl]-2,3-dihydro-, monohydrochloride, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

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● HCl

RN 86135-83-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[4-(2-(3,4-dimethoxyphenyl)ethyl)-1-piperazinyl]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

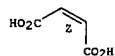
CRN 86135-82-2  
CMF C33 H41 N3 O5 S

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

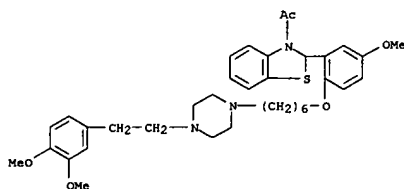
Double bond geometry as shown.



RN 86135-89-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[6-[4-(2-(3,4-dimethoxyphenyl)ethyl)-1-piperazinyl]hexyloxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

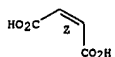
CRN 86135-88-8  
CMF C36 H47 N3 O5 S



CM 2

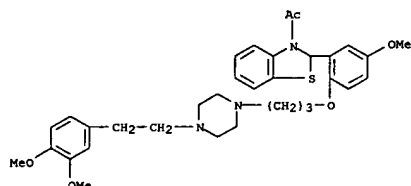
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86135-91-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[4-[4-(2-hydroxyethyl)-1-piperazinyl]butoxy]-5-methoxyphenyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

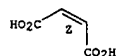
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

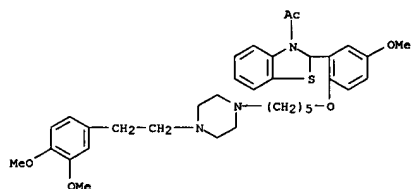
Double bond geometry as shown.



RN 86135-87-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[5-[4-(2-(3,4-dimethoxyphenyl)ethyl)-1-piperazinyl]pentyloxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

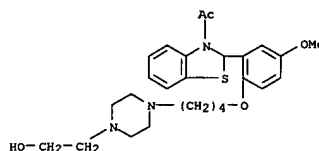
CRN 86135-86-6  
CMF C35 H45 N3 O5 S



L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 1

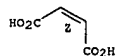
CRN 86135-90-2  
CMF C26 H35 N3 O4 S



CM 2

CRN 110-16-7  
CMF C4 H4 O4

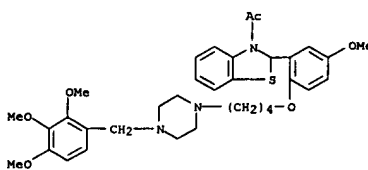
Double bond geometry as shown.



RN 86135-94-6 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[4-(2,3,4-trimethoxyphenyl)methyl]-1-piperazinyl]butoxy]phenyl]-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-93-5  
CMF C34 H43 N3 O6 S

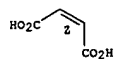


CM 2

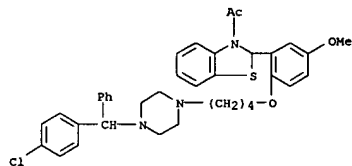
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

RN 86135-96-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[4-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]butoxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

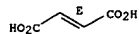
CM 1

CRN 86135-95-7  
CMF C37 H40 Cl N3 O3 S

CM 2

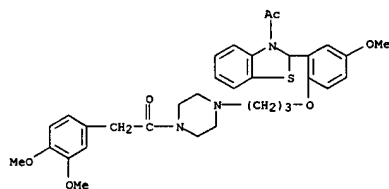
CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

RN 86135-98-0 CAPLUS  
CN Benzoic acid, 3,4,5-trimethoxy-, 2-[4-[2-(3-acetyl-2,3-dihydro-2-benzothiazolyl)-4-methoxyphenoxy]butyl]-1-piperazinylethyl ester, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

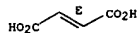
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

CRN 110-17-8  
CMF C4 H4 O4

Double bond geometry as shown.

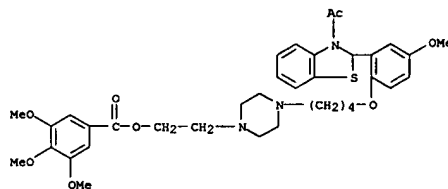
RN 86136-02-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[(2E)-3-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]-1-piperazinyl]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-01-8  
CMF C34 H39 N3 O6 S

Double bond geometry as shown.

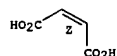
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 86135-97-9  
CMF C36 H45 N3 O8 S

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

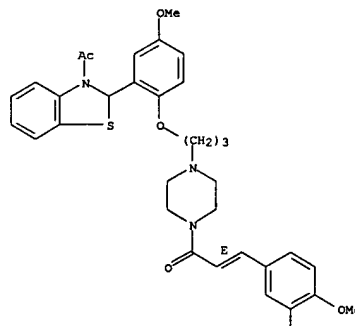
RN 86136-00-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[(3,4-dimethoxyphenyl)acetyl]-1-piperazinyl]propoxy]-5-methoxyphenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86135-99-1  
CMF C33 H39 N3 O6 S

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

PAGE 1-A



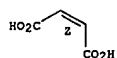
PAGE 2-A

OMe

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

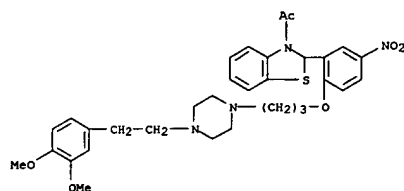
RN 86136-06-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]propoxy]-5-nitrophenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-05-2  
CMF C32 H38 N4 O6 S



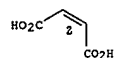
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

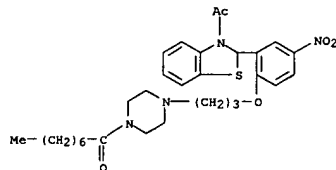
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



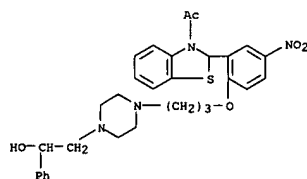
RN 86136-08-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-{3-[(1-oxooctyl)-1-piperazinyl]propoxy}phenyl]-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-07-4  
CMF C30 H40 N4 O5 S

CM 2

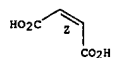
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 86136-11-0  
CMF C30 H34 N4 O5 S

CM 2

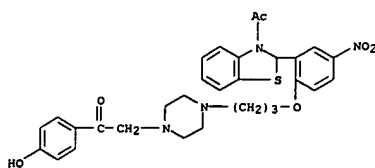
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 86136-14-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-{3-[(4-hydroxyphenyl)-2-oxooethyl]-1-piperazinyl]propoxy]-5-nitrophenyl]-, ethanedioate (1:2) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-13-2  
CMF C30 H32 N4 O6 S

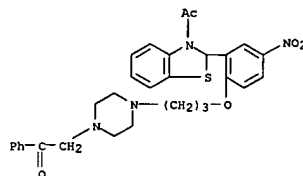
CM 2

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 144-62-7  
CMF C2 H2 O4

RN 86136-10-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-{3-[(2-oxo-2-phenylethyl)-1-piperazinyl]propoxy}phenyl]-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

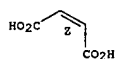
CM 1

CRN 86136-09-6  
CMF C30 H32 N4 O5 S

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



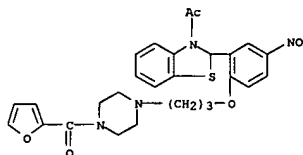
RN 86136-12-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-{3-[(4-(2-hydroxy-2-phenylethyl)-1-piperazinyl]propoxy]-5-nitrophenyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

CM 1

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

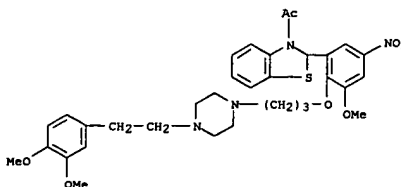
CRN 144-62-7  
CMF C2 H2 O4

RN 86136-15-4 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{3-[(4-(2-furanylcarbonyl)-1-piperazinyl]propoxy]-5-nitrophenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 86136-16-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-{3-[(4-(2-(3,4-dimethoxyphenyl)ethyl)-1-piperazinyl]propoxy]-3-methoxy-5-nitrophenyl]-2,3-dihydro-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

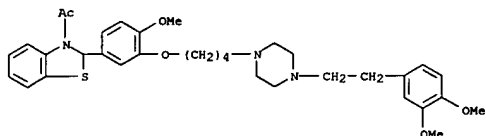
RN 86136-18-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[3-[(4-(2-(3,4-dimethoxyphenyl)ethyl)-1-

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
piperazinyl]butoxy]-4-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate  
(1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-17-6

CMF C34 H43 N3 O5 S

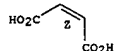


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



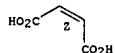
RN 86136-20-1 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[4-{4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]propoxy]phenyl]-2,3-dihydro-, (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-19-8

CMF C32 H39 N3 O4 S

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
Double bond geometry as shown.

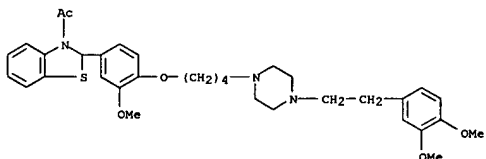


RN 86136-24-5 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[4-{4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]-3-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-23-4

CMF C34 H43 N3 O5 S

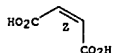


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



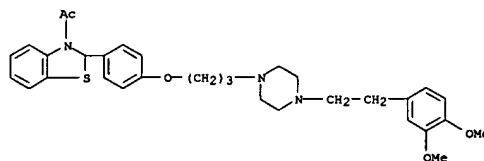
RN 86136-26-7 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[4-{4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]butoxy]-3,5-dimethoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-25-6

CMF C35 H45 N3 O6 S

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

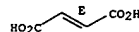


CM 2

CRN 110-17-8

CMF C4 H4 O4

Double bond geometry as shown.

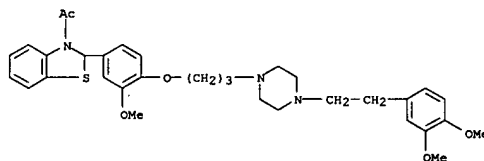


RN 86136-22-3 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[4-{3-[4-[2-(3,4-dimethoxyphenyl)ethyl]-1-piperazinyl]propoxy]-3-methoxyphenyl]-2,3-dihydro-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-21-2

CMF C33 H41 N3 O5 S

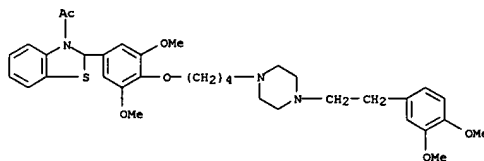


CM 2

CRN 110-16-7

CMF C4 H4 O4

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

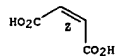


CM 2

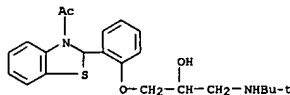
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 86136-27-8 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-[(1,1-dimethylethyl)amino]-2-hydroxypropoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

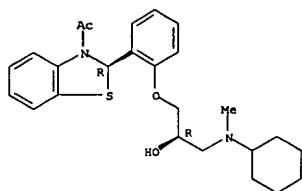


● HCl

RN 86136-28-9 CAPLUS  
CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)-2-hydroxypropoxy]phenyl]-2,3-dihydro-, monohydrochloride, (R\*,R\*)- (9CI) (CA INDEX NAME)

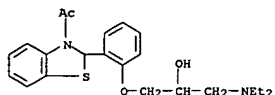
Relative stereochemistry.

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

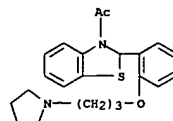
RN 86136-29-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(diethylamino)-2-hydroxypropoxy]phenyl]-2,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

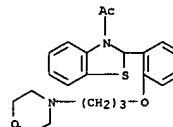
RN 86136-30-3 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-(1-pyrrolidinyl)propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

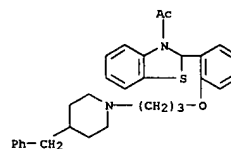
RN 86136-31-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-(4-morpholinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 86136-33-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-[4-(phenylmethyl)-1-piperidinyl]propoxy]phenyl]-, (Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-32-5  
 CMF C30 H34 N2 O2 S

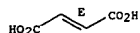


L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

CRN 110-17-8  
 CMF C4 H4 O4

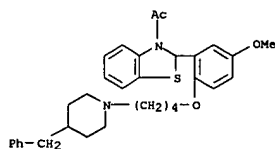
Double bond geometry as shown.



RN 86136-35-8 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-methoxy-2-[4-[4-(phenylmethyl)-1-piperidinyl]butoxy]phenyl]-, (Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

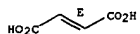
CRN 86136-34-7  
 CMF C32 H38 N2 O3 S



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.

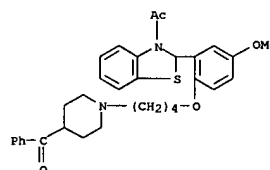


RN 86136-37-0 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-(4-benzoyl-1-piperidinyl)butoxy]-5-methoxyphenyl]-2,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-36-9  
 CMF C32 H36 N2 O4 S

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

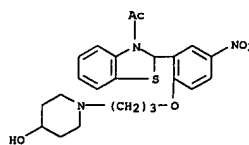
CRN 144-62-7  
 CMF C2 H2 O4



RN 86136-39-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[3-(4-hydroxy-1-piperidinyl)propoxy]-5-nitrophenyl]-, ethanedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 86136-38-1  
 CMF C23 H27 N3 O5 S



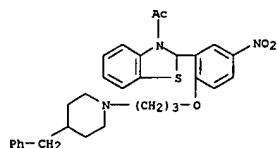
CM 2

CRN 144-62-7  
 CMF C2 H2 O4

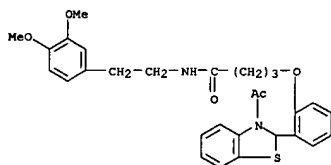
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 86136-40-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[5-nitro-2-[3-[4-(phenylmethyl)-1-piperidinyl]propoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 86136-44-9 CAPLUS  
 CN Butanamide, 4-[2-(3-acetyl-2,3-dihydro-2-benzothiazolyl)phenoxy]-N-(2-(3,4-dimethoxyphenyl)ethyl)- (9CI) (CA INDEX NAME)



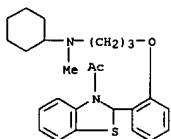
RN 86136-46-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[4-(4-methyl-1-piperazinyl)-4-oxobutoxy]phenyl]-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

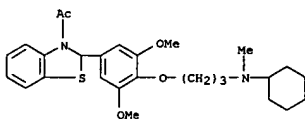
CRN 86136-45-0  
 CMF C24 H29 N3 O3 S

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

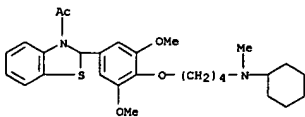
RN 86136-58-5 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-(cyclohexylmethylamino)propoxy]phenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86136-59-6 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[4-[3-(cyclohexylmethylamino)propoxy]-3,5-dimethoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

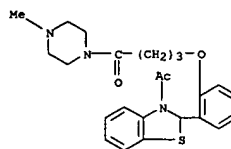


RN 86136-60-9 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[4-[4-(cyclohexylmethylamino)butoxy]-3,5-dimethoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



RN 86136-62-1 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[4-[[2-(3,4-dimethoxyphenyl)ethyl]methylamino]butoxy]-5-methoxyphenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)

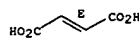
L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



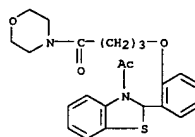
CM 2

CRN 110-17-8  
 CMF C4 H4 O4

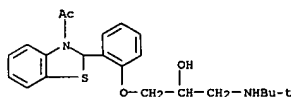
Double bond geometry as shown.



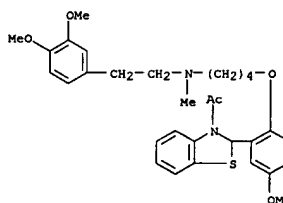
RN 86136-47-2 CAPLUS  
 CN Benzothiazole, 3-acetyl-2,3-dihydro-2-[2-[4-(4-morpholinyl)-4-oxobutoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 86136-57-4 CAPLUS  
 CN Benzothiazole, 3-acetyl-2-[2-[3-[(1,1-dimethylethyl)amino]-2-hydroxypropoxy]phenyl]-2,3-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



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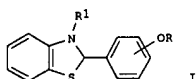
L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2003:796678 CAPLUS  
 DN 139:312393  
 TI  $\kappa$ -Opioid receptor agonist comprising 2- phenylbenzothiazoline derivative  
 IN Tokai, Maki; Honda, Takahiro; Niwa, Masaaki;  
 Osumi, Yasuo; Fujimura, Ken-ichi; Kohno, Shin-ichi  
 PA Santen Pharmaceutical Co., Ltd., Japan  
 SO PCT Int. Appl., 129 pp.  
 CODEN: PIXXDZ  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003082840	A1	20031009	WO 2003-JP3928	20030328
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MW, MX, MY, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG CA 2480560 AA 20031009 CA 2003-2480560 20030328 JP 2004002352 A2 20040108 JP 2003-89637 20030328 EP 1496053 A1 20050112 EP 2003-715569 20030328 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK US 2005113430 A1 20050526 US 2003-509549 20030328 PRAI JP 2002-97500 A 20020329 WO 2003-JP3928 W 20030328 OS MARPAT 139:312393 GI				

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 rheumatism-like diseases or anti-itching agent contg. the above  $\kappa$ -opioid receptor agonist as an active ingredient. The presence of an amino-substituted alkyl group bonded to the Ph group of 2-phenylbenzothiazoline and the presence of an acyl group bonded to the nitrogen atom of the 2-phenylbenzothiazoline are important for the impartation of  $\kappa$ -opioid receptor agonistic activity. The compd. I also possesses anti-nociception activity. For example,

(+)-3-acetyl-6-chloro-2-[2-[3-[N-(2-ethoxyethyl)-N-isopropylamino]propoxy]-5-methoxyphenyl]benzothiazoline hydrochloride at 30 mg/kg p.o. inhibited 100% pain in a mouse acetic acid-writhing assay.

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT



AB Dislocation closed is a  $\kappa$ -opioid receptor agonist comprising a 2-phenylbenzothiazoline derivative which is either a compound having a basic skeleton having a chemical structure represented by the general formula  
 (I) (wherein R represents amino-substituted alkyl and R1 represents acyl)  
 or a salt of the compound Also disclosed is an analgesic in particular for

=> d his full

(FILE 'HOME' ENTERED AT 10:25:56 ON 02 FEB 2006)

FILE 'REGISTRY' ENTERED AT 10:26:08 ON 02 FEB 2006

L1 STRUCTURE UPLOADED

L2 26 SEA SSS SAM L1

L3 570 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 10:27:17 ON 02 FEB 2006

L4 14 SEA ABB=ON PLU=ON L3

D QUE L4 STAT

D 1-14 BIB ABS HITSTR

E TOKAI MAKI/AU

L5 1 SEA ABB=ON PLU=ON "TOKAI MAKI"/AU

E HONDA TAKAHIRO/AU

L6 43 SEA ABB=ON PLU=ON "HONDA TAKAHIRO"/AU

E NIWA MASASHI/AU

L7 6 SEA ABB=ON PLU=ON "NIWA MASASHI"/AU

E FUJIMURA KEN/AU

L8 31 SEA ABB=ON PLU=ON ("FUJIMURA KEN ICHI"/AU OR "FUJIMURA KENICHI"/AU)

E KOHNO SHIN/AU

L9 9 SEA ABB=ON PLU=ON ("KOHNO SHIN ICHI"/AU OR "KOHNO SHINICHI"/AU)

E OSUMI YAEKO/AU

L10 1 SEA ABB=ON PLU=ON "OSUMI YAEKO"/AU

L11 84 SEA ABB=ON PLU=ON L5 OR L6 OR L7 OR L8 OR L9 OR L10

L12 1 SEA ABB=ON PLU=ON L11 AND ?BENZOTHAZOLINE

D QUE L12 STAT

D BIB ABS

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 JAN 2006 HIGHEST RN 873191-05-0

DICTIONARY FILE UPDATES: 31 JAN 2006 HIGHEST RN 873191-05-0

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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*****
*
* The CA roles and document type information have been removed from
* the IDE default display format and the ED field has been added,
* effective March 20, 2005. A new display format, IDERL, is now
* available and contains the CA role and document type information.
*
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Structure search iteration limits have been increased. See HELP SLIMITS for details.

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<http://www.cas.org/ONLINE/UG/regprops.html>

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FILE LAST UPDATED: 1 Feb 2006 (20060201/ED)

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<http://www.cas.org/infopolicy.html>

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